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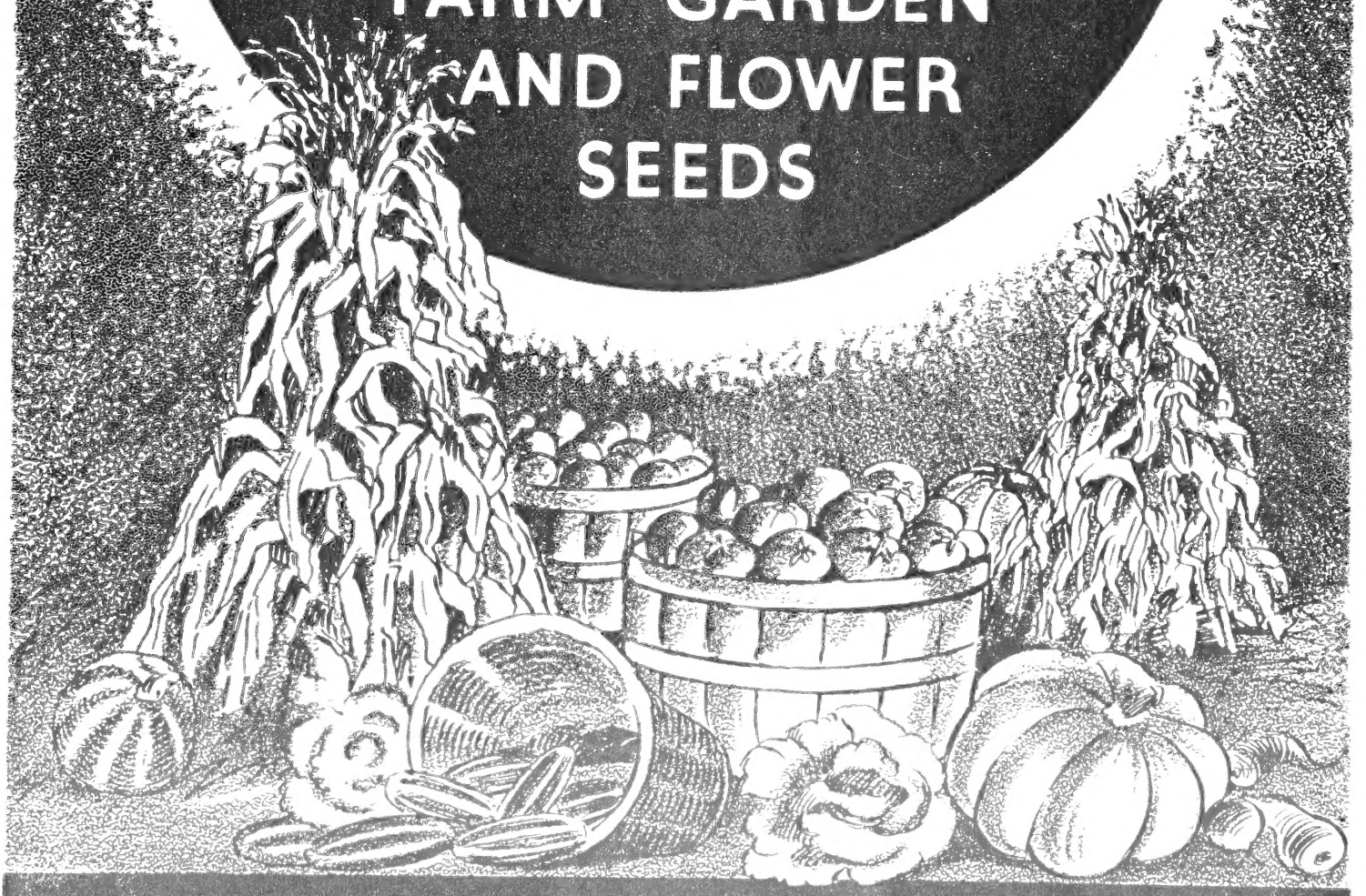
★ FEB 28 1949 ★

U. S. Department of Agriculture

SAUNDERS SEED ANNUAL

1949

FARM · GARDEN
AND FLOWER
SEEDS



SAUNDERS SEED CO., TIPP CITY, OHIO

To Our Friends and Customers



RALPH S. SAUNDERS, Owner

We are pleased to present our 27th Annual Seed Catalog and wish to express our appreciation for their patronage to our customers and friends, many of whom we have supplied with their seed requirements throughout the years.

Red Clover is lower than last year due to a larger harvest, Alfalfa and Timothy and some of the other grasses are higher on account of a short crop. Overall seed harvests in 1948 were considerably under the average and we believe early orders will be a profitable action.

We can again supply the best strains of our High Quality Garden Seeds and other Garden Supplies.

PREPAID ORDERS. We prepay postage on all Vegetable & Flower Seeds (except Beans, Peas and Corn) in packets, ounces, quarter pounds and pounds. We do not pay transportation charges on Beans, Peas, Corn or any Farm Seeds, Onion Sets, Potatoes, etc.

PRICES - All prices quoted herein are subject to stocks unsold and market changes without notice.

TERMS - All seeds are sold for Cash. We will ship C.O.D. when 25% of the purchase price accompanies the order.

ORDER BLANK & ENVELOPE are enclosed for your convenience.

NON-WARRANTY - We use every effort to have our Seeds pure and reliable. However, conditions over which we have no control, such as weather conditions makes it impossible for us to guarantee our seeds under all conditions. For these reasons, therefore, we the SAUNDERS SEED CO., give no warranty as to description (including kind, variety and name), quality, productiveness or any other matter of any seeds we send out, and will not in any way be responsible for the crop. Our Liability, in all instances, is limited to the purchase price of the seed.

WE ARE MEMBERS of the American Seed Trade Association and the Ohio Seed Dealers Association.

SAUNDERS SEED COMPANY

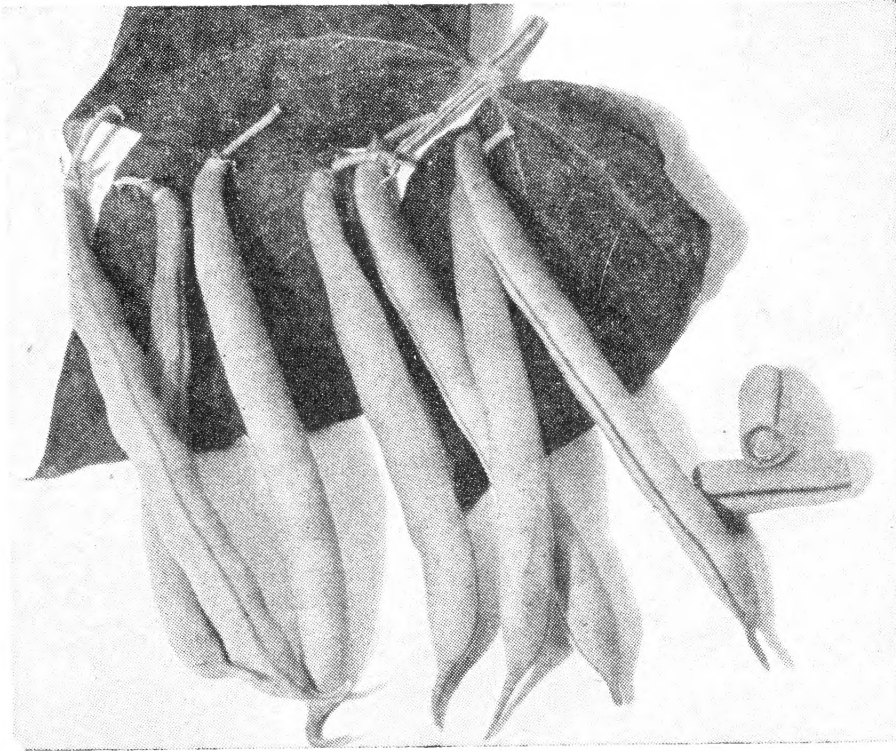
4th and BROADWAY

TIPP CITY, OHIO

PHONE 2931



SAUNDERS GARDEN SEEDS



TENDERGREEN

Longgreen

New Longgreen - A special strain of Tendergreen. Pods often measure 7 inches or more in length, round, fiberless, full flavored thick meat and entirely stringless. Pkt. 15c; 1/2 lb. 30c; lb. 55c; 5 lbs. \$2.50.

Tendergreen

A new, delicious, tender, fine-flavored, early, dwarf Bean. The pods are long, round, very meaty, of a light green color, and entirely stringless. 60 days. Pkt. 15c; 1/2 lb. 25c; lb. 45c; 5 lbs. \$2.20; 10 lbs. \$4.25; 25 lbs. \$10.25; 100 lbs. \$40.00.

	Pkt.	1/2 lb.	1 lb.	5 lbs.	10 lbs.	25 lbs.	100 lbs.
GIANT STRINGLESS GREEN POD	\$.15	\$.25	\$.45	\$ 2.20	\$ 4.25	\$10.25	\$40.00
Round Pod, Stringless, long, heavy yielder.							
FULL MEASURE .....	.15	.25	.45	2.20	4.25	10.25	40.00
Long, round stringless pods of high quality, early and a profitable market variety.							
DWARF HORTICULTURAL .....	.15	.25	.45	2.20	4.25	10.25	40.00
Used for shelling. Pods light green splashed with red.							
RED KIDNEY .....	.15	.25	.45	2.20	4.25	10.25	40.00
WHITE MARROW .....	.15	.25	.45	2.20	4.25	10.25	40.00
WHITE KIDNEY .....	.15	.25	.45	2.20	4.25	10.25	40.00
NAVY OR PEA .....	.10	.20	.35	1.50	2.75	6.25	24.00

DWARF BEANS — Wax Podded

Pencil-Pod Black Wax

A very fine wax bean bearing an enormous crop. The pods measure 6 to 7 inches in length and they are nearly straight or slightly curved. The flesh is brittle, solid, and always free from strings. Pkt. 15c; 1/2 lb. 25c; 1 lb. 45c; 5 lbs. \$2.20; 10 lbs. \$4.25; 25 lbs. \$10.25; 100 lbs. \$40.00.

Improved Golden Wax

Of typical bush growth, producing a good crop of straight pods. Stringless and brittle, with thick flat pods of a lemon-yellow color, slightly tinged green. It is of extra early maturity. Pkt. 15c; 1/2 lb. 25c; 1 lb. 45c; 5 lbs. \$2.20; 10 lbs. \$4.25; 25 lbs. \$10.25; 100 lbs. \$40.00.

One pound will plant about 100 foot row, and 1 bushel (60 lbs.) per acre.

BEANS

DWARF or GREEN PODDED

Burpee's

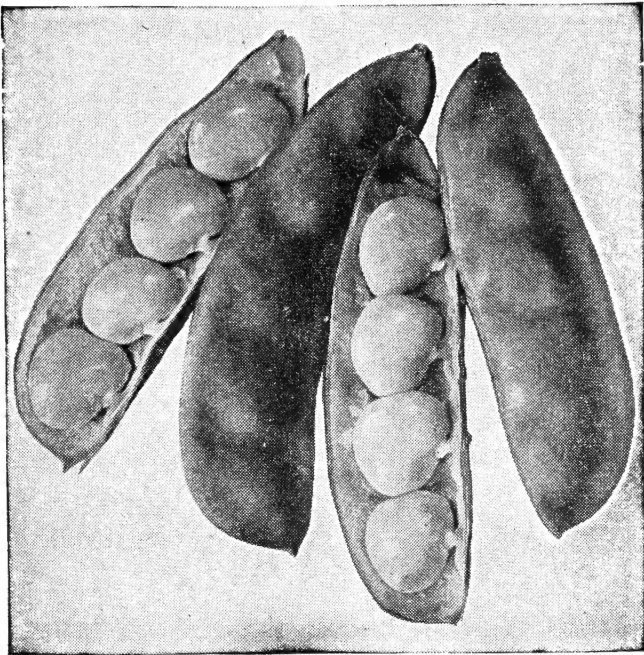
Stringless Green Pod

A very handsome, long, cylindrical, medium maturing green bean. Very fleshy and remain crisp and tender color. Pkt. 15c; 1/2 lb. 25c; lb. 45c; 5 lbs. \$2.20; 10 lbs. \$4.25; 25 lbs. \$10.25; 100 lbs. \$40.00.

Bountiful

One of the earliest flat dwarf green podded beans. The pods are long, straight and entirely stringless. The vines are extremely productive. Pkt. 15c; 1/2 lb. 25c; lb. 45c; 5 lbs. \$2.20; 10 lbs. \$4.25; 25 lbs. \$10.25; 100 lbs. \$4.25.

BUSH LIMA BEANS



BUSH LIMA BEANS

Fordhook Bush

Most Popular of all Bush Lima Beans

The strong, erect bushes branch freely and bear tremendous crops that are ready for use quite early. The Beans are plump, remain green a long time, are closely packed in the pods and shell easily. Pods are borne in clusters of from four to six, average 4 to 5 inches long, and usually contain four tender beans of a delightful flavor.

Pkt. 15c; 1/2 lb. 30c; 1 lb. 50c; 5 lbs. \$2.40; 10 lbs. \$4.50.

Burpee's Improved Bush Limas

This variety has uniformly larger pods than the original Burpee's Bush Lima. The beans are thicker and they remain green even in dry stage. Very prolific, bearing pods in clusters of from five to seven. Pkt. 15c; 1/2 lb. 30c; 1 lb. 50c; 5 lbs. \$2.40; 10 lbs. \$4.50.

Fordhook 242 Bush Lima

A new and superior Fordhook selection (75 days)

All-America Bronze Medal Winner. A new selection of the famous old Fordhook bush lima bean. This selection has as its chief superiority the ability to make a crop under conditions where the other thick-seeded limas fail. Even where Fordhook makes a good crop, the new Fordhook 242 consistently outyields it. The quality is high, the seed holds its green color for a long time, and the shelled seed is indistinguishable from standard Fordhook. Grow 20 in. tall and spread 2 ft. Pkt. 15c; 1/2 lb. 30c; 1 lb. 50c; 5 lbs. \$2.40; 10 lbs. \$4.50.

Peerless Bush Lima

Holds its green color. Pods averaging 3 beans each about two thirds the size of Fordhook. Recommended for freezing. All America Winner. Pkt. 15c; 1/2 lb. 30c; 1 lb. 50c; 5 lbs. \$2.40.

EARLY MARKET BUSH (NEW) A new flat seeded type. Long pods. A dependable producer. Maturing very early. Pkt. 15c; 1/2 lb. 30c; 1 lb. 50c; 5 lbs. \$2.40; 10 lbs. \$4.50.

	Pkt.	1/2 lb.	1 lb.	5 lbs.	10 lbs.	25 lbs.
BURPEE'S BUSH LIMA	\$.15	\$.30	\$.50	\$2.40	\$4.50	\$10.00
Large flat white, Medium early.						
HENDERSON'S BUSH .....	.15	.30	.45	2.15	4.00	9.50
Excellent for canning or freezing.						

POLE LIMA BEANS

King of the Garden — Pole

A strong grower and uniformly large podded. The pods frequently contain 4 or 5 big beans. These beans are of excellent quality, easily shelled, and of handsome appearance. Pkt. 15c; 1/2 lb. 30c; 1 lb. 50c; 5 lbs. \$2.40; 10 lbs. \$4.50.

POLE or RUNNING BEANS

One pound will plant 75 hills. 30 lbs. to the acre.

Kentucky Wonder

or Old Homestead. An early and fairly productive variety that climbs well and bears a fine crop of large pods. 7 to 9 inches in length. They are thick and meaty, tender, brittle, and of good quality, showing slight strings as the pods reach full size. Pkt. 15c; 1/2 lb. 25c; 1 lb. 45c; 5 lbs. \$2.20; 10 lbs. \$4.25; 25 lbs. \$10.25; 100 lbs. \$40.00.

HORTICULTURAL POLE	\$.15	\$.25	\$.45	\$2.40	\$4.25
Used for shelling — Pods light green splashed with red.					
LAZY WIFE .....	.15	.25	.45	2.40	4.25
Stringless, broad fleshy pods. seed white and round.					
CUT SHORT .....	.15	.25	.45	2.40	4.25
WHITE KENTUCKY WONDER .....	.15	.25	.45	2.40	4.25
Stringless and good quality.					

Missouri Wonder

Vigorous productive variety; pods round, fleshy. 8 inches long, of good quality; fine for home garden or market, usually grown in corn. Pkt. 15c; 1/2 lb. 25c; 1 lb. 45c; 5 lbs. \$2.40; 10 lbs. \$4.25.

	Pkt.	1/2 lb.	Lb.	5 lbs.	10 lbs.
HORTICULTURAL POLE	\$.15	\$.25	\$.45	\$2.40	\$4.25
LAZY WIFE .....	.15	.25	.45	2.40	4.25
CUT SHORT .....	.15	.25	.45	2.40	4.25
WHITE KENTUCKY WONDER .....	.15	.25	.45	2.40	4.25

BEETS

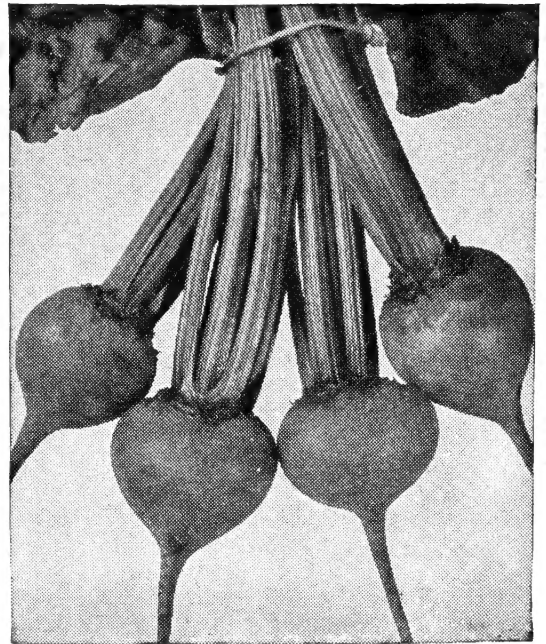
CULTURE — The best results are obtained on a deep, rich sandy loam. Sow as early as the ground can be prepared, in drills 18 inches apart, and thin out to 3 or 4 inches. One ounce will sow 50 feet of row, 5 to 6 pounds to the acre.

Detroit Dark Red

Detroit Dark Red Beet is the finest main crop, all-purpose beet in cultivation. For the home garden it is especially desirable on account of its exquisite quality, being sweet, tender and fine grained. Splendid for canning. It is unusually attractive on the market, being of perfect globe form. Leaves dark green shaded with red. Ready for use in 50 to 55 days. Packet 10c; oz. 20c; ¼ lb. 50c; 1 lb. \$1.50.

Crosby's Egyptian

A very superior extra early strain of garden beet which has been carefully selected for years. It excels in handsome form, a good size, small tops, very small tap root, fine quality, and above all, quick, rapid growth. The flesh is deep red. Packet 10c; oz. 20c; ¼ lb. 50c; 1 lb. \$1.50.



DARK RED BEETS

	Pkt.	Oz.	¼ lb.	Lb.
EARLY WONDER	\$.10	\$.20	\$.50	\$1.50
Superior Strain. Very similar to Crosby's Egyptian. Very early and good deep red color. Excellent quality.				
EARLY BLOOD TURNIP .....	.10	.20	.50	1.50
Second early. Uniformly smooth and round. Top small and good marketable size. Color dark red, crisp, tender and sweet.				
OHIO CANNER .....	.10	.20	.50	1.50
New. Very desirable variety. Good for canning.				

SWISS CHARD or SPINACH BEET

	Pkt.	Oz.	¼ lb.	Lb.
LUCULLUS — Best for Greens	\$.10	\$.15	\$.45	\$1.25
Large crinkled, light green leaves with broad white ribs.				

MANGEL-WURZEL BEETS

CULTURE — Both Mangels and Sugar Beets require deep, well enriched soil. Sow in May or June in rows 18 inches to 2 feet apart and 6 to 8 inches in the row. Young plants may be transplanted to fill up vacancies.

Mammoth Long Red Mangel

Select Strain, often growing from 24 to 30 inches in length, weighing from 25 to 35 lbs. It grows to an immense size, is enormously productive and profitable, if grown on rich, deep soil, and is an excellent keeper. This variety will yield more tons per acre than any other. Pkt. 10c; oz. 15c; ¼ lb. 40c; lb. \$1.00; prepaid; 5 lbs. \$4.50.

Golden Tankard Mangel

The flesh is rich deep yellow, differing in this respect from other mangels, surpassing them in milk producing qualities. The roots are of large diameter, tapering quickly at bottom, which is quite broad, with only a small tap root. It yields an enormous bulk on good land. Pkt. 10c; oz. 15c; ¼ lb. 40c; lb. \$1.00; prepaid; 5 lbs. \$4.50.

BROCCOLI

Italian Green Sprouting

Produces sprouts 4 to 6 inches long, having loose heads like small cauliflower at the tips. As soon as the sprouts are cut off, new shoots start and the plants continue to bear throughout the growing season. For early use, sow in hot bed or seed may be sown out of doors in May. Bunched and cooked like asparagus, this broccoli makes a delicious dish. Pkt. 10c; oz. 35c; ¼ lb. \$1.00; lb. \$3.00.

BRUSSELS SPROUTS

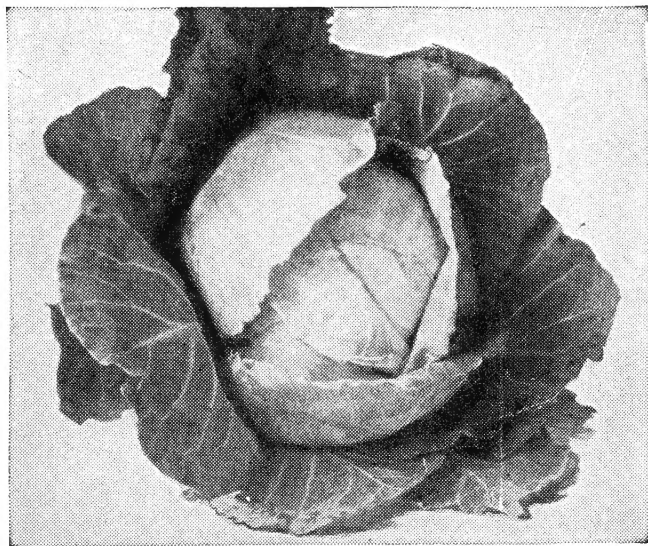
Long Island — Improved

Grow and cultivate the same as cabbage, except that the leaves should be broken off the stem in the fall which gives the little heads more room to grow. The small heads are the edible part and are more tender and delicious than cabbage.

Plants 30 inches tall; stem well covered with small firm cabbage-like balls of about 1½ inches in diameter which mature in succession. Pkt. 10c; oz. 75c; ¼ lb. \$2.50.

CABBAGE SEED

One ounce of seed will produce 1,500 to 2,000 plants in open ground or about 2,500 in hot bed. Four to six ounces to the acre.



COPENHAGEN MARKET

Early Jersey Wakefield

Many gardeners consider this one of the best early varieties. Grown extensively for market and shipping. Large heads for an early sort, small outside foliage, and uniform cropper. Pyramidal in shape, round peak, 62 days. Pkt. 10c; 1/2 oz. 20c; oz. 35c; 1/4 lb. \$1.00; lb. \$3.00.

Danish Ballhead Short-stem

Most popular. This splendid variety is well known for its remarkable solidity and grand keeping qualities. The heads are very heavy and superb in quality. 83 days. Pkt. 10c; 1/2 oz. 25c; oz. 40c; 1/4 lb. \$1.40; lb. \$5.00.

Wisconsin Hollander

This is a strain of Hollander, or Danish Ballhead, which originated in Wisconsin where "yellows" is very destructive. Recommended where this disease is prevalent. 91 days. Pkt. 10c; 1/2 oz. 30c; oz. 50c; 1/4 lb. \$1.50; lb. \$5.00.

Golden Acre

An early, firm, uniform, medium sized, round head variety. Similar to Copenhagen Market, but smaller and about a week earlier. Being hardy, it will stand a long time without bursting. We offer high quality Danish-grown seed stock. 55 days. Pkt. 10c; 1/2 oz. 30c; oz. 50c; 1/4 lb. \$1.40; lb. \$5.00.

Copenhagen Market

Extra early round-head sort which matures as early as the Wakefields and is of larger size. Almost every plant forms a perfect, tightly folded head, averaging five to eight pounds in weight. 66 days. Pkt. 10c; 1/2 oz. 30c; oz. 50c; 1/4 lb. \$1.50; lb. \$5.00.

Marion Market

(Copenhagen Yellows-resistant). Highly resistant to "yellows". Round head, short stem, of unsurpassed quality and a good yielder. The best resistant Copenhagen on the market and should be used where this disease is prevalent. Pkt. 10c; 1/2 oz. 30c; oz. 50c; 1/4 lb. \$1.50; lb. \$5.00.

Glory of Enkhuizen

A few days later than Copenhagen Market, of larger size and is quite round. A long-keeping sort. It is very dwarf and compact, allowing of close planting. Heads fine, ball-shaped. Size ideal for marketing. Pkt. 10c; 1/2 oz. 20c; oz. 35c; 1/4 lb. \$1.25; lb. \$4.00.



	Oz.	1/4 lb.	Lb.
ALL SEASONS Large flat heads early or late.	\$.40	\$1.40	\$4.00
ALL SEASONS — Yellow-resistant .....	.50	1.50	4.50
PREMIUM LATE FLAT DUTCH Old standard kind. Large heavy head.	.35	1.25	4.00
MAMMOTH RED ROCK Largest Red Cabbage.	.60	1.75	6.00
SAVOY American Drumhead. Packet 5c.	.60	1.75	6.00

Chinese Cabbage

	1/2 oz.	Oz.	1/4 lb.	Lb.
CHIHILI New better variety. Heads 18 in. long, solid and uniform.	\$.20	\$.30	\$1.00	\$3.00
WONG-BOK .....	.20	.30	1.00	3.00
PE-TSAI .....	.20	.30	1.00	3.00
Packets	\$.10			

CARROTS

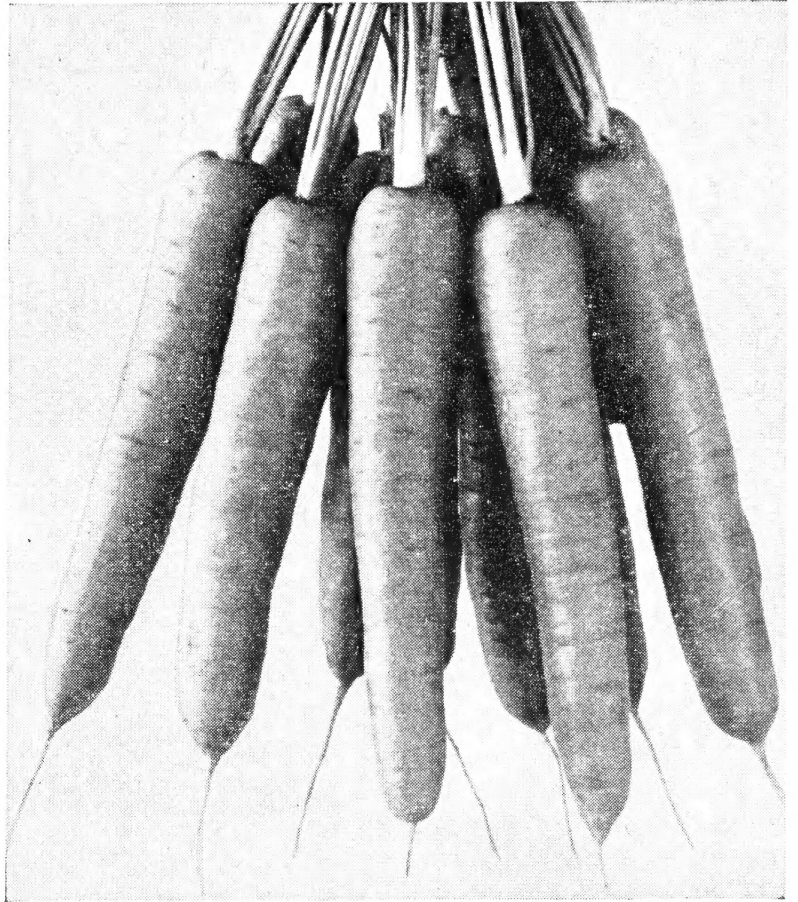
CULTURE — Sow in early spring in drills 15 to 18 inches apart, finely thinning the plants to three to four inches apart. If sown early on moist soil, a half-inch is deep enough to cover the seed. One ounce sows 100 feet of drill; 4 pounds sow one acre.

Improved Danvers

(Half-Long). The best for general crop. Profitable for market-gardeners. It is grown largely on account of its productiveness and adaptability to all classes of soils. Tops medium size, roots deep orange, large, but of medium length, tapering uniformly to a blunt point. Smooth and handsome; sweet, crisp and tender. Although of medium length, it is one of the largest yielders. Pkt. 10c; oz. 25c; ¼ lb. 60c; lb. \$2.00.

Improved Chantenay

A popular and profitable sort to raise for market. It is about 6 inches long, thick through and decidedly stump-rooted. In size it is between the Oxheart and Danvers. The flesh is a deep orange-red, fine grained and of excellent flavor. It is very early and always produces smooth, shapely roots. Its fine appearance finds for it a ready market. Biggest seller, and one of the best for home-gardeners. Our strain of seed is unsurpassed. Pkt. 10c; oz. 25c; ¼ lb. 60c; lb. \$2.00.



CORELESS CARROTS

Nantes Half-Long Coreless

Early. Sweet and fine flavored; almost without a core; very fine grained. One of the finest in quality and handsomest of the medium-sized sorts; about 6 inches long. 70 days. Pkt. 10c; oz. 25c; ¼ lb. 60c; lb. \$2.00.

Imperator

An excellent market variety. 7 to 8 inches long, sloping shoulders and semi blunt end. A rich orange color and coreless. Pkt. 10c; oz. 25c; ¼ lb. 60c; lb. \$2.00.

Oxheart

Intermediate in length and diameter; quality extra good. Comes early. Some sorts require digging but the Oxheart can be easily pulled. Adapted to shallow soils where the longer sorts would not thrive as well. Pkt. 10c; oz. 25c; ¼ lb. 60c; lb. \$2.00.

CAULIFLOWER

CULTURE — For early crop sow in hotbed in January or February and transplant when freezing weather is past. For late crop, sow in May or June and treat exactly like late cabbage. Set out the plants 15 to 18 inches apart in 3-foot rows. One ounce of seed will produce 2,000 plants.

Early Snowball

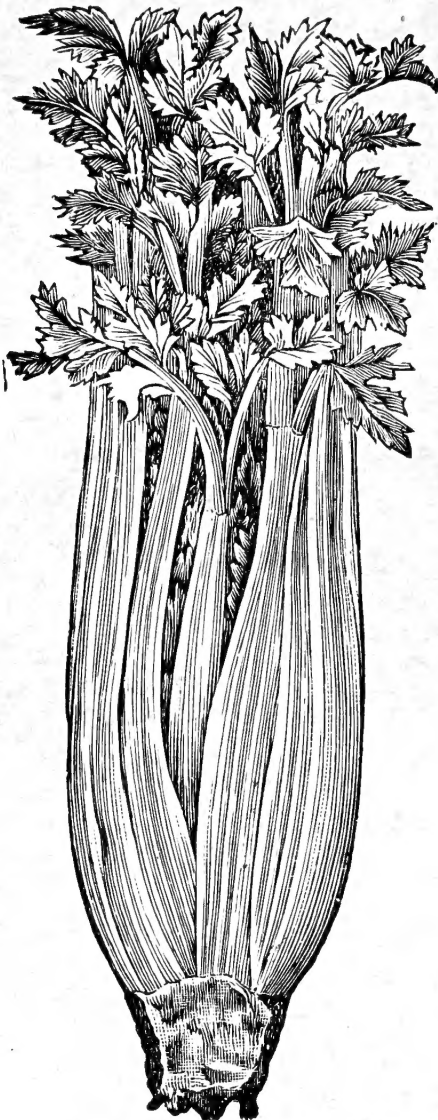
A very fine medium early sort, and if plants are started late it does equally well as a late crop. Heads of medium size, compact, and very white. Has few short, upright leaves. A very sure header. We have an extra-good grade of this popular old sort. Pkt. 25c; ¼ oz. \$1.00; ½ oz. \$1.75; oz. \$3.00.

New Danish Dry Weather

This new strain originated in Denmark, but has been fully tested in America, producing large, solid, pure white heads, maturing later than Early Snowball. It is in all respects a first-class Cauliflower, and is especially adapted to dry situations and to resist drought. Ready for market in 110 days. Best quality Danish grown seed. Pkt. 25c; ¼ oz. \$1.00; ½ oz. \$1.75; oz. \$3.00.

COLLARDS

One ounce will produce 2,500 plants.	Pkt.	Oz.	¼ lb.	lb.
TRUE SOUTHERN — Excellent for Greens. Stands heat.....	\$0.05	\$1.10	\$0.30	\$1.00



GIANT PASCAL CELERY

CELERY

One ounce of seed will produce 4000 plants. 10 to 12 ounces to the acre.

Wonderful or Golden Plume

There is a vast difference in the quality of stocks offered under this name. Our seed is grown only from the very choicest carefully selected plants. In many localities has proven more blight resistant than Golden Self-Blanching. Is semi-dwarf, vigorous in growth, producing a full heart of superior quality and flavor. Will make more crates per acre than almost any other celery on account of the great number of stalks each plant produces. Pkt. 10c; oz. 80c; ¼ lb. \$2.50; lb. \$9.00.

Easy Blanching

As early green celery, popular for both home and market garden. A vigorous grower, erect, compact and easy to handle. Blanching easily and a good keeper. Stalks thick, solid and of a rich nutty flavor. Pkt. 10c; oz. 60c; ¼ lb. \$1.50; lb. \$5.00.

Emperor

A most distinct variety of outstanding merit. It is of true dwarf type and therefore, much easier to blanch than the taller growing sorts. The color is white, the heart tinged with yellow. Unsurpassed in flavor being decidedly nutty and crisp. Pkt. 10c; ½ oz. 35c; oz. 60c; ¼ lb. \$2.00; lb. \$7.50.

Giant Pascal

High-grade general stock. Forms solid, crisp stalks of rich, nutty flavor. Fine winter keeper, retains color and fresh appearance a long time. Equal to any on the market and a favorite with gardeners. Pkt. 10c; ½ oz. 35c; oz. 60c; ¼ lb. \$1.75; lb. \$6.00.

	Pkt.	½ oz.	Oz.	¼ lb.	Lb.
GOLDEN SELF BLANCHING	\$.10	\$.25	\$.50	\$1.50	\$5.00
WHITE PLUME .....	.10	.25	.50	1.50	5.00

EGG PLANT

CULTURE — Sow the seed in hotbed in March; transplant when 3 inches high. Set out in garden after danger of frost is past, in rows 3 feet apart and 2 feet apart in the row. They require rich soil.

New York Improved Large Purple

(Spineless). The general favorite for both market and private use, and is a standard sort both in the North and the South. The large size and fine quality of fruit and its extreme productiveness make it most profitable. Plants large, fruit oval; color, dark purple. Pkt. 10c; ½ oz. 30c; oz. 50c; ¼ lb. \$1.75; lb. \$6.00.

Black Beauty

Best for the northern states. It is very early, in fact the earliest good market variety. Average weight 2 to 3 pounds. It is dwarf growing. Ready for table in 135 days. Pkt. 10c; ½ oz. 30c; oz. 50c; ¼ lb. \$1.75; lb. \$6.00.

ENDIVE

CULTURE — For an early crop, sow in April in rows 15 inches apart, and later thin the plants to stand 1 foot apart in the row. The main sowings are made in June and July. When nearly full grown, gather up the leaves and tie them by their tips to blanch the heart. One ounce of seed will sow 150 feet of drill.

Large Green Curled

A hardy vigorous growing variety with bright, deep green leaves. The dense mass of deeply divided leaves formed in the center blanches very readily to rich creamy white. Pkt. 10c; oz. 15c; ¼ lb. 50c; lb. \$1.50, postpaid.

Broad-Leaved Batavian

The broad, thick, slightly wrinkled leaves form very large heads, which are much used in soups. Pkt. 10c; oz. 15c; ¼ lb. 50; lb. \$1.50 postpaid.

KALE or BORECOLE

One ounce sows 200 feet of drill, 1 to 2 pounds to an acre.

Dwarf Green Curled Scotch

Very dwarf and spreading, with leaves beautifully curled and of a bright green color. Quite hardy. Pkt. 10c; oz. 25c; ¼ lb. 60c; lb. \$2.00.

Siberian

Dwarf growth; bluish green leaves. Very hardy. Pkt. 10c; oz. 20c; ¼ lb. 50c; lb. \$1.50.

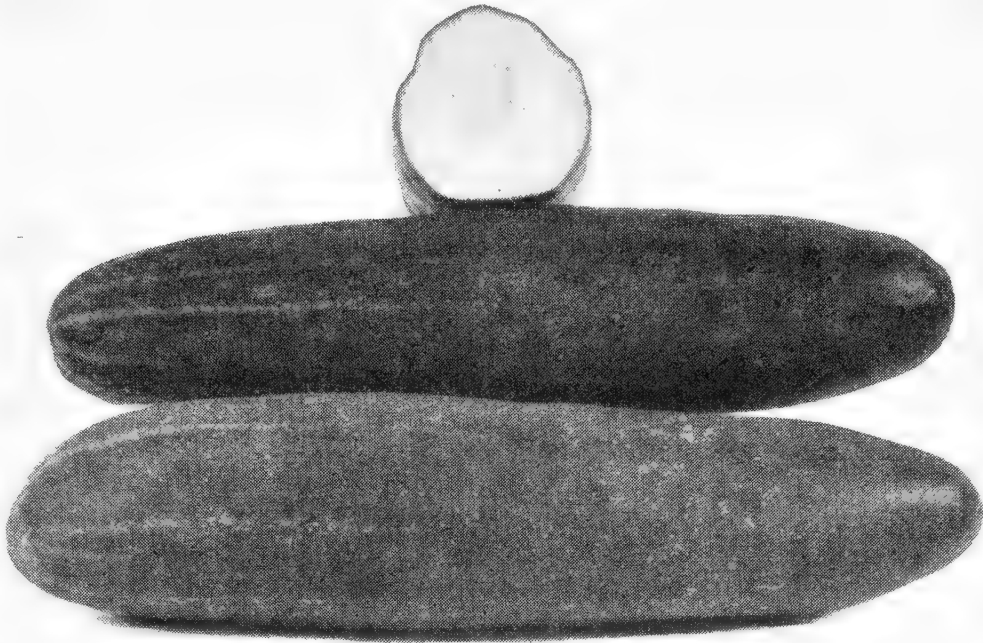
CUCUMBERS

One ounce of seed will plant 50 hills, 2 to 3 pounds to the acre.

STRAIGHT-8

ALL-AMERICAN
GOLD MEDAL AWARD

Fruits about 8 inches long, of medium diameter, and well rounded at the ends. Dark green color, free from striping and tipping. Has won much fame as a desirable "slicer". Excellent for the home market grower. Pkt. 10c; oz. 20c; ¼ lb. 60c; lb. \$2.00.



A & C

New productive variety 8 to 9 inches long by 2 inches in diameter. Very dark green. Pkt. 10c; oz. 60c; lb. \$2.00.

A & C CUCUMBER

Imp. White Spine

Very uniform and shapely, being straight and smooth. Excellent not only for first-early, but for general crop as well. Keeps green much longer than the wellow varieties. A great bearer. 60 days Pkt. 10c; oz. 20c; ¼ lb. 50c; lb. \$1.75; 5 lbs. \$8.00.

Early Fortune

The vines are very strong-growing, disease-resistant, and productive. Fruits are quite long, averaging about 9 inches in length, slightly tapering. This sort is very popular as a slicer and for pickles. 60 to 70 days. Pkt. 10c; oz. 20c; ¼ lb. 50c; lb. \$1.75; 5 lbs. \$8.00.

Improved Long Green

A popular old sort with very strong-growing and productive vines. The fruits are quite long, averaging 8 to 10 inches in length, and dark green in color, and have few seeds. One of the best general purpose cucumbers. 72 days. Pkt. 10c; oz. 20c; ¼ lb. 60c; lb. \$2.00; 5 lbs. \$8.75.

Chicago Pickling

A very prolific variety, combining all the qualities desired by those who raise cucumbers for commercial pickles. Fruits are of uniform size and good color. Used almost exclusively by all the large pickling houses. Ready for market in 53 days. Pkt. 10c; oz. 20c; ¼ lb. 50c; lb. \$1.75.

Marketer

A variety of recent introduction producing very dark green, cylindrical fruits which taper slightly at ends. Fruits 7½ to 8 inches long, 2¼ inches in diameter. White spined. Vines spined. Vines vigorous and prolific. Its uniform shape and attractive color make it an excellent market variety. Pkt. 10c; oz. 25c; ¼ lb. 65c; lb. \$2.50.

Highmoor Cucumber

New Scob Resistant Slicer

Long even shape and blunt rounded ends, medium dark green in color it ripens just after Straight 8 and bears good crops throughout the season. Pkt. 10c; oz. 30c; ¼ lb. 75c; lb. \$2.75.

STAY GREEN -----					
Early White Spine type. Vigorous grower.					
Beautiful dark green from stem to end, heavy yielder.					
EARLY CLUSTER -----					
Short fruit, light green produced early and in great abundance.					
NATIONAL PICKLING (Pickling Type) -----					
HEINZ PICKLE -----					
Favored variety, good yields.					
WHITE WONDER -----					

Pkt.	Oz.	¼ lb.	Lb.	5 lbs.
\$.10	\$.20	\$.50	\$ 1.75	\$ 8.00
.10	.20	.50	1.75	8.00
.10	.20	.50	1.75	8.00
.10	.20	.50	1.75	8.00
.10	.20	.50	1.75	8.00

Use

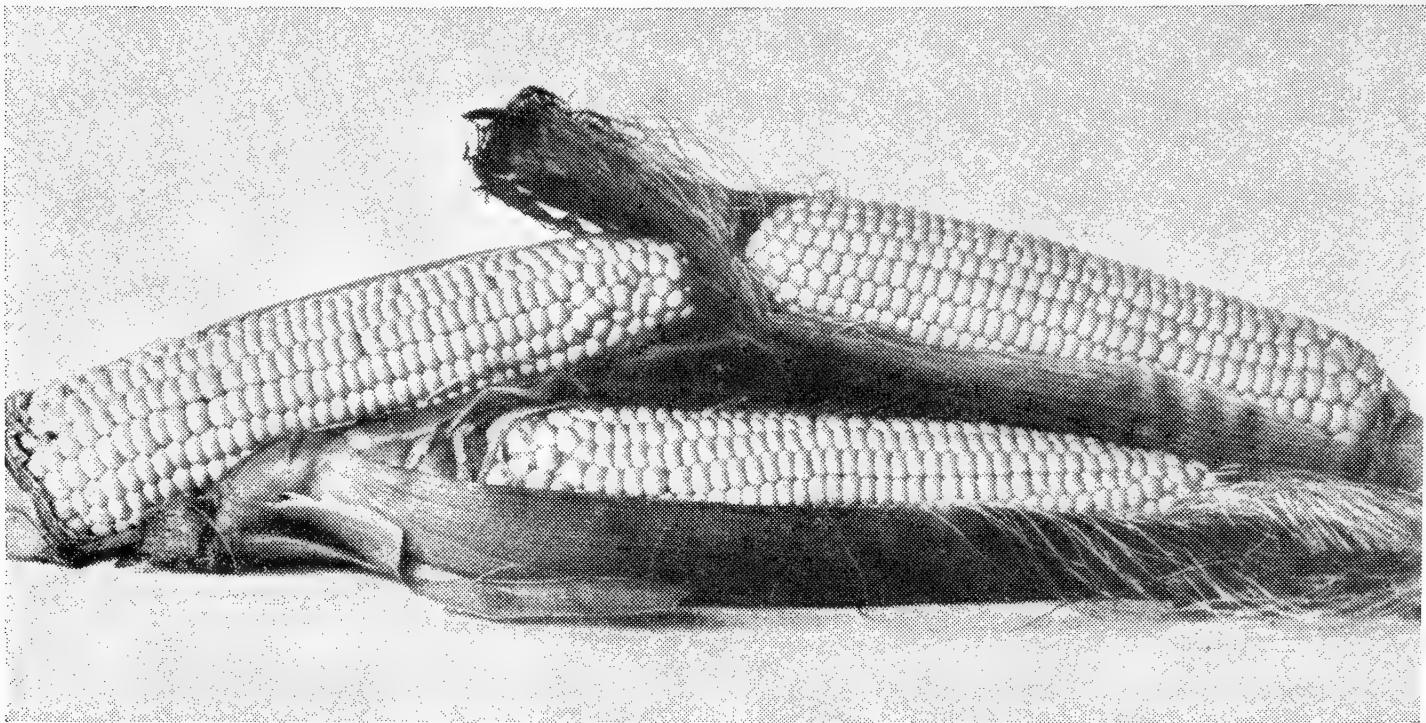
"HOTKAPS"
for earliness.

Use

ROTENONE DUST
for bug protection.

SWEET CORN

One pound will plant 100 feet of row, 12 to 15 pounds to the acre.



Imp. Golden Bantam

Of the same type, season and quality as Golden Bantam, but having a longer ear. The stalks grow from 5 to 6 feet high and have ears filled with 10 to 12 rows of rich golden kernels. Originator's stock. Pkt. 15c; 1/2 lb. 20c; 1 lb. 35c; 5 lbs. \$1.50; 10 lbs. \$2.50.

Whipple's Early White

One of the Evergreen type, but ready for use only a few days later than the Golden Bantam. Ears 7 to 8 inches long with 12 to 16 inches long of pearly white grains. 79 days. Pkt. 15c; 1/2 lb. 20c; lb. 35c; 5 lbs. \$1.50; 10 lbs. \$2.50.

Early Evergreen

An early strain of Evergreen. The ears grow to a good size, usually about 7 inches long, and contain 16 to 18 rows of deep sweet grains. Pkt. 15c; 1/2 lb. 20c; lb. 35c; 5 lbs. \$1.50; 10 lbs. \$2.50.

Stowell's Evergreen

A favorite with canners and market-gardeners for late use, and especially for the kitchen-garden. Ears large, kernels very deep, tender and of most delicious sweetness. Pkt. 15c; 1/2 lb. 20c; lb. 35c; 5 lbs. \$1.50; 10 lbs. \$2.50.

Country Gentleman

One of the richest flavored of all the late varieties. The plump, pearly white kernels are of great depth. Ears averaging 7 inches long by 2 inches in diameter. Pkt. 15c; 1/2 lb. 20c; lb. 35c; 5 lbs. \$1.50; 10 lbs. \$2.50.

	Pkt.	1/2 lb.	Lb.	5 lbs.	10 lbs.	25 lbs.
EXTRA EARLY ADAMS .....	.10	.20	.30	1.00	1.50	3.00
EARLY ADAMS .....	.10	.20	.30	1.00	1.50	3.00
POP CORN						
JAPANESE HULLESS .....	.10	.20	.35	1.60	3.00	7.00
SOUTH AMERICAN .....	.10	.20	.35	1.50	2.50	5.50

HYBRID POP CORN
NEW HYBRID HULLESS

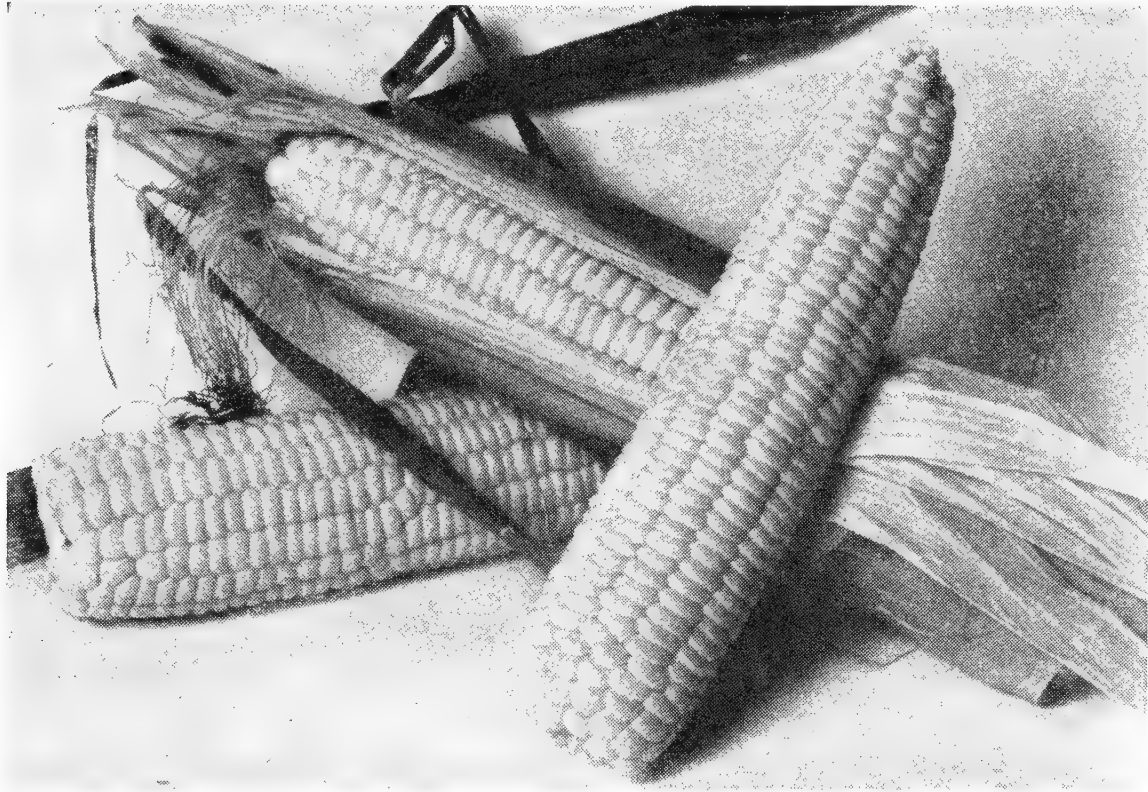
The last word in Pop Corn. Developed by the Minnesota Experiment Station. It far surpasses the old Japanese Hulless — records show a 16% greater yield per acre, and a 29% greater popping expansion. Hybrid Hulless is the finest Pop Corn obtainable from the standpoint of quality, flavor and tenderness. Pkt. 15c; 1/4 lb. 25c; 1/2 lb. 40c; lb. 75c; 5 lbs. \$3.25.

HYBRID YELLOW

(SOUTH AMERICAN TYPE)

A high yielding large yellow type Pop Corn that produces excellent quality of popping corn. Seed Stock of this variety is very limited this season and will undoubtedly be exhausted before the planting season. We offer PURDUE 38 which is the main maturing variety and PURDUE 31 which is somewhat earlier. All of our seed is State Certified. Pkt. 15c; 1/4 lb. 25c; 1/2 lb. 40c; lb. 75c; 10 lbs. \$6.50, 100 lbs. \$60.00.

Hybrid Sweet Corn



GOLDEN CROSS BANTAM HYBRID

Golden Cross Bantam

Originated by the United States Department of Agriculture. Is one of the most disease resistant varieties. It has been tested and has produced excellent crops. Stalks are very vigorous, producing two good sized marketable ears. Stalks 6 feet tall; ears 7 inches long; 10-12 rows; broad, medium yellow kernels. Ears are amazingly uniform and of wonderful quality. This variety makes an excellent Corn for the home gardener, market gardener or for canning. Pkt. 15c; 1/2 lb. 25c; 1 lb. 40c; 5 lbs. \$1.85; 10 lbs. \$3.50.

Marcross

One of the most popular early Hybrids. Disease resistant and produces medium sized ears with 12-14 rows of excellent quality kernels. Matures in about 68 days from planting. A heavy favorite with Market Gardeners for wholesale and retail trade. Pkt. 15c; 1/2 lb. 25c; 1 lb. 40c; 5 lbs. \$1.85; 10 lbs. \$3.50.

Carmel Cross

An outstanding new hybrid maturing just a few days later than Marcross. A heavy yielder of uniform ears, slightly tapering with an average of 12 rows of kernels. A favorite with commercial growers. Packet 15c; 1/2 lb. 25c; lb. 40c; 5 lbs. \$1.85; 10 lbs. \$3.50.

Ioana

A high yielding hybrid becoming increasingly popular for canning and market garden - 8 1/2 inch ears, stalk 7-7 1/2 ft. tall with 12 to 16 rows of light yellow kernels of excellent quality. Pkt. 15c; 1/2 lb. 25c; lb. 40c; 5 lbs. \$1.85; 10 lbs. \$3.50.

Stowells Evergreen Hybrid

Developed by crossing inbred lines of Stowells Evergreen. A resistant, very valuable type for market gardeners and canners. Sturdy stalk with uniform height of ears that are slightly tapered with 16 to 18 rows. Kernels white, medium wide and deep. Highly recommended by growers. Pkt. 15c; 1/2 lb. 35c; lb. 60c; 5 lbs. \$2.90; 10 lbs. \$5.50.

Ohiogold 1

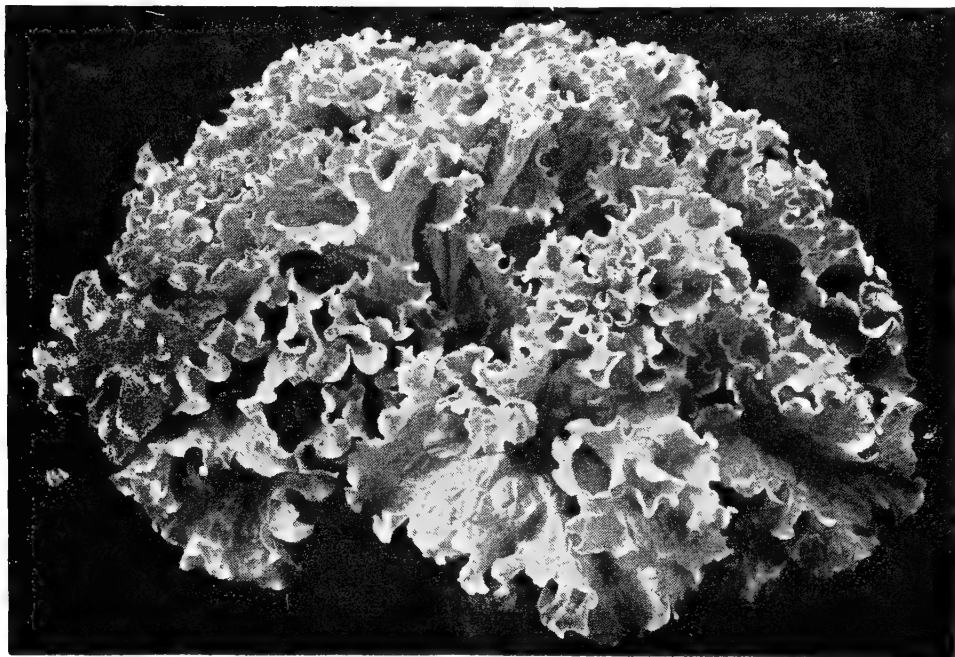
Higher yields and a trifle later than Golden Cross Bantam. A new variety of the highest quality and heavier yields. Quantity is limited. Pkt. 15c; 1/2 lb. 30c; lb. 50c; 5 lbs. \$2.40; 10 lbs. \$4.50.

Country Gentlemen Hybrid

Resembles the regular Country Gentlemen except that it is larger and more uniform. Deep, sweet kernels and is a heavy producer. Pkt. 15c; 1/2 lb. 35c; lb. 60c; 5 lbs. \$2.90; 10 lbs. \$5.50.

LETTUCE

One ounce of seed will sow 250 feet of row, 3 pounds to the acre.



GRAND RAPIDS LETTUCE

Black Seeded Simpson

Very popular among market-gardeners and fine for the home table. Forms a large, loose head of nearly white, curly leaves that are large, thin, very tender, and of good quality. Pkt. 10c; oz. 20c; 1/4 lb. 60c; lb. \$2.00, postpaid.

Early Prizehead

The leaves are very large, crimped, bright green tinged with brownish red at the edges and are exceedingly tender, crisp and sweet, forming a large, loose head. Ready for table use in 45 days. Pkt. 10c; oz. 20c; 1/4 lb. 60c; lb. \$2.00, pre-paid.

Select Grand Rapids

This variety of curled or loose leaf lettuce is especially adapted to greenhouse culture in winter. This superior lettuce is of rapid upright growth; retains its freshness a long time after being cut. Pkt. 10c; oz. 20c; 1/4 lb. 60c; lb. \$2.00, prepaid.

Oak Leaf

SHAPED LIKE OAK LEAVES

Forms a tight bunch or rosette of medium green leaves, extremely tender, long standing and excellent quality. Pkt. 10c; oz. 35c; 1/4 lb. 75c.

Selected Big Boston

ONE OF THE GREATEST FAVORITES

It is a large cabbage variety, forming big, yet compact, tender and crisp heads, of rich yellow color inside and good quality when well grown. Ready for market in 55 days. Pkt. 10c; oz. 20c; 1/4 lb. 60c; lb. \$2.00; prepaid.

KOHLRABI

Early White Vienna

Greenish white outside, with clear white flesh within. Fine in quality. Pkt. 10c; oz. 35c; 1/4 lb. \$1.10.

Early Purple Vienna

Same as above, except in the outside color. Pkt. 10c; oz. 35c; 1/4 lb. \$1.10.

Iceberg

One of the very best Summer-growing varieties. Makes a firm, hard head, with strong incurving ribs, blanching the heart leaves to a creamy whiteness. Is ready for the table in 55 to 60 days. Pkt. 10c; oz. 20c; 1/4 lb. 60c; lb. \$2.00, prepaid.

Bibb

Fine quality, home garden, small heavy head Lettuce. Crisp, tender and with a distinct flavor that is most pleasing. Sow both early in spring and in the fall. Pkt. 10c; oz. 35; 1/4 lb. 75c.

New Wonderful or New York

The Largest Heading Lettuce of All. It frequently weighs 2 or 3 pounds. The heart is very solid, of pleasing light green color. The leaves are large and crumpled. Ready for market in 60 to 65 days. Pkt. 10c; oz. 25c; 1/4 lb. 75c; lb. \$2.50 prepaid.

LEEKs

One ounce sows 100 feet of row, 4 pounds to an acre.

	Pkt.
Large American	\$.10
Large Musselburgh	10
1/2 oz. 35c; oz. 60c.	

MUSTARD

One ounce sows 100 feet of row, 3 lbs. to an acre.

Fordhook Fancy

The plants are of vigorous growth and have beautiful dark green, curled leaves. It is most productive from early spring sowings and stands well even during the hot summer months. Most popular of any. Pkt. 5c; oz. 20c; 1/4 lb. 45c; lb. \$1.50; 5 lbs. \$7.00.

	Pkt.	Oz.	1/4 lb.	Lb.	5 lbs.
SOUTHERN GIANT CURLED	\$.10	\$.10	\$.30	\$1.00	\$4.50



PRIZETAKER ONION

**Prizetaker, or
Mammoth Yellow Spanish**

A very handsome onion of the largest size and nearly globular. Skin yellow, flesh white and very mild. To grow them to the largest size, seed should be sown in March in hotbeds and transplanted outside as soon as weather will permit. Pkt. 10c; oz. 50c; ¼ lb. \$1.50; lb. \$5.75.

White Portugal, or Silver Skin

Bulb flattened, thick through, skin clear white, flesh mild and of fine flavor. It is grown extensively for sets and pickling onions and is the best white sort for this purpose. Used extensively in the spring for green bunch onions. Pkt. 10c; oz. 45c; ¼ lb. \$1.50; lb. \$5.50.

ONION SETS

THE EASIEST WAY TO GROW LARGE ONIONS.
THE QUICKEST WAY TO GROW
BUNCH ONIONS

Prices subject to market. Write for prices
on larger quantities.

YELLOW SETS — Fancy Quality U. S. Number
One grade. Ask for Prices.

WHITE SETS — Especially suitable for green
onions. Ask for Prices.

BERMUDA ONION PLANTS — We can supply
both Yellow Bermuda and Crystal White Plants.
Ask for Prices.

ONION

CULTURE — Be very careful about preparing the soil. It should be well pulverized and smooth. The richer the soil, the bigger the crop will be. Sow the seed as early as the ground can be worked in rows 12 to 15 inches apart, covering one-half inch deep. When plants are up cultivate thoroughly, keep free from weeds and thin to one inch apart in the row. One ounce will sow about 150 feet of drill; 4 to 6 pounds per acre. For sets sow 50-60 lbs. per acre.

Yellow Globe Danvers

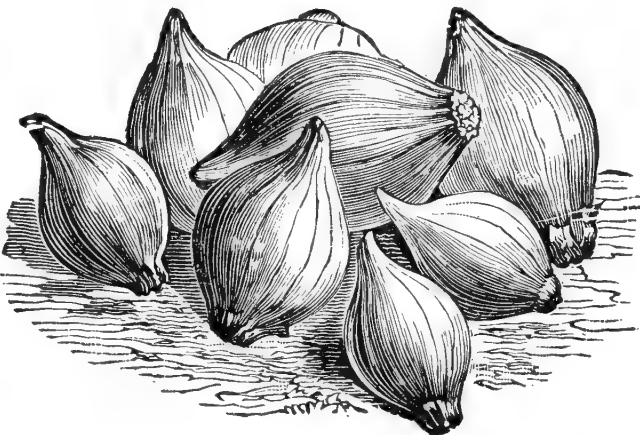
An early and abundant cropper, with large, very thick bulb, flat or slightly convex bottom, full oval top, small neck and rich yellow skin. Is next in popularity to Ohio Yellow. 105 days Pkt. 10c; oz. 40c; ¼ lb. \$1.25; lb. \$4.00.

Riverside Sweet Spanish

Improved strain of Sweet Spanish, superior in flavor, mildness and keeping qualities, which makes it a good shipper. Large (1 pound or more), well-shaped, with brown skin. 110 days. Pkt. 10c; ½ oz. 30c; oz. 50c; ¼ lb. \$1.75; lb. \$6.00.

Southport White Globe

The most handsome Onion grown — beautiful silver-white, perfectly globe-shaped, uniform in size, about 2½ inches in diameter. Flesh firm, fine-grained, and of pleasing flavor. Pkt. 10c; oz. 45c; ¼ lb. \$1.50; lb. \$5.50.



ONION SETS

OKRA

One ounce sows 100 feet of row, 6 pounds to an acre.

	Pkt.	Oz.	¼ lb.	Lb.
DWARF LONG-POD, 45 days	\$.05	\$.10	\$.30	\$.90
WHITE VELVET, 51 days .....	.05	.10	.30	.90

MUSKMELONS

CULTURE -- Muskmelons or Cantaloupes like a warm rich soil quite sandy. Plant seed in hills 4 to 6 feet apart each way, 8 or 10 seeds in a hill, and when danger of insects is past thin to 3 or 4 plants. One ounce of seed for 60 hills; 2-3 pounds per acre.



TIP-TOP MUSKMELON

Tip-Top

Tip-Top in quality, appearance and productiveness. Fruits are of large size, slightly oblong, moderately netted. Flesh bright salmon, sweet, juicy, firm and fine flavored, An all around sort for close markets. 80 days. Pkt. 10c; oz. 20c; ¼ lb. 50c; lb. \$1.75.

Honey Rock

A new and very early variety. Almost round; has coarse heavy netting, making it a good shipper. Flesh salmon, thick and very sweet. Highest quality, very productive, excellent appearance. 78 days. Pkt. 10c; oz. 20c; ¼ lb. 50c; lb. \$1.75.

Pride of Wisconsin

A new melon of finest quality with thick orange flesh, very small seed cavity and very sweet in flavor. Coarse netting. A premium quality melon for home and market. Pkt. 10c; oz. 25c; ¼ lb. 60c; lb. \$2.00.

Ohio Sugar

A GREEN FLESHED TIP-TOP. This is an absolutely distinct and very superior melon. It is the sweetest and most luscious green fleshed cantaloupe on the market, of exquisite texture, sugary, juicy and tender. Of desirable size, round, inclined to oval in shape, distinctly ribbed and thickly netted — color of skin gray-green. Pkt. 10c; oz. 25c; ¼ lb. 60c; lb. \$2.00.

Schoons Hardshell

A new and fine flavored melon of the Benders type maturing in 90 days. Due to its hardshell it is valuable for shipping. Weighs 6 to 7 lbs., deeply ribbed with rope-like netting. Thick red salmon flesh of excellent flavor. Pkt. 10c; oz. 25c; ¼ lb. 60c; lb. \$2.00.

Milwaukee Market

One of the best large melons. Fine rich flavor, not very early melon, slightly oval, heavily netted with deep salmon flesh. Pkt. 10c; oz. 20c; ¼ lb. 50c; lb. \$1.75.

Bender's Surprise

A very popular variety in the East, particularly in northern New York. Skin light greenish yellow when ripe. A very delicious, large, salmon-fleshed melon with superior shipping and keeping qualities. Pkt. 10c; oz. 20c; ¼ lb. 50c; lb. \$1.75.



HONEY ROCK MUSKMELON

	Pkt.	Oz.	¼ lb.	Lb.
HALE'S BEST	\$.10	\$.20	\$.50	\$1.75
Earliest of Rocky Ford type. Flesh thick, deep orange of finest quality. Uniform in shape and quality.				
HEARTS OF GOLD .....	.10	.20	.50	1.75
EMERALD GEM .....	.10	.20	.50	1.75
ROCKY FORD .....	.10	.20	.50	1.75
HONEY DEW .....	.10	.20	.50	1.75
BANANA .....	.10	.25	.60	2.00

USE "HOTKAPS" ON YOUR MUSKMELONS
EARLIER — INCREASED YIELDS

WATERMELONS



CULTURE — A light, sandy soil, with good exposure to the sun is the best for watermelons. It should be prepared deep, but receive shallow cultivation. Plant in hills 8 to 10 feet apart each way. Plant 8 to 10 seeds in hill and finally when danger of insects is past, leave but three strong plants. One ounce of seed is required for forty hills; 3 to 4 pounds will plant an acre.

Stone Mountain

A large, medium dark green, early, round melon with highly colored flesh. Solid, productive, and of excellent flavor. Fewer seeds than most of them. A tough rind makes it good for shipping. Brown seeded, mottled white. 85 days. Pkt. 5c; oz. 15c; ¼ lb. 35c; lb. \$1.00.

Kleckley's Sweet

Also known as Monte Cristo. A great melon for home and nearby markets. The melons are very large, averaging from 18 to 20 inches in length by 10 to 12 inches in diameter, with dark green skin. They are of oblong form, handsome appearance, and ripen early. Flesh is bright scarlet, with solid heart, deliciously crisp and sugary. Pkt. 5c; oz. 15c; ¼ lb. 35c; lb. \$1.00.

Dixie Queen

Round with light and dark green stripes; uniform in size and appearance. Size is medium to large. Flesh bright scarlet, solid, of fine texture. Few small white seeds. Good for home gardens local market and shipping. Pkt. 10c; oz. 20c; ¼ lb. 55c; lb. \$1.75; 5 lbs. \$8.50; 10 lbs. \$16.50.

Halbert Honey

A very sweet, long, dark green variety; fruits average 18 to 20 inches long, have a thin rind and deep red meat of delicious flavor; pulp entirely free from stringiness; seeds white. One of the finest for the home-garden. Pkt. 5c; oz. 15c; ¼ lb. 35c; lb. \$1.00.

Sweetheart

It is hard to beat as to quality and productiveness. Melons oval, very heavy, very thin rind, but firm. In color it is a light green, slightly veined with a darker shade. The flesh is a bright red, very tender and sweet. Pkt. 5c; oz. 15c; ¼ lb. 35c; lb. \$1.00.

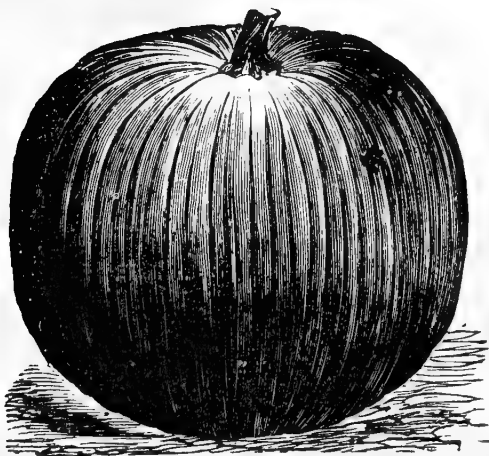
	Pkt.	Oz.	¼ lb.	Lb.
COLES EARLY	\$.05	\$.15	\$.35	\$1.00
TOM WATSON .....	.05	.15	.35	1.00
GOLDEN HONEY .....	.05	.15	.35	1.00

PUMPKIN

One ounce plants 15 hills, 3 to 4 pounds to an acre.

Small Sweet or Sugar

Very fine-grained flesh and delicious, sweet flavor. Averages about 10 inches in diameter; has a deep orange-yellow color and is a splendid keeper. Often called New England Pie Pumpkin. Pkt. 10c; oz. 15c; ¼ lb. 35c; lb. \$1.00.

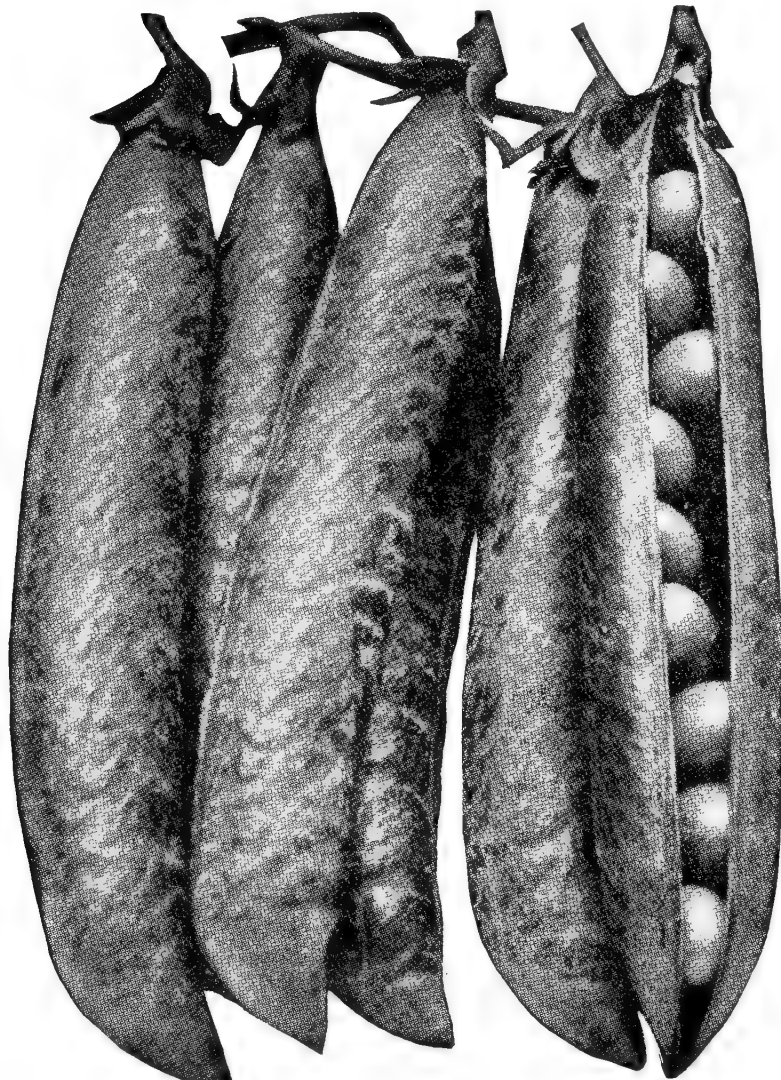


SUGAR PUMPKIN

	Pkt.	Oz.	¼ lb.	Lb.
Cheyenne, bush type	\$.10	\$.15	\$.35	\$1.00
Connecticut Field .....	.10	.15	.35	.90
Large Sweet or Ky. Field .....	.05	.15	.35	.90
Mammoth Potiron .....	.10	.20	.45	1.25

GARDEN PEAS

CULTURE — Sow the extra early kinds as soon as ground can be worked, in rows 2 to 3 inches deep and 2½ to 3½ feet apart, and for succession every two weeks until June 15th. The very earliest varieties planted in August will often give a good Fall crop. One pound of seed to 50 feet or row; 100 to 120 pounds per acre.



LITTLE MARVEL PEAS

EXTRA-EARLY ALASKA. The earliest of all smooth blue peas. It grows about 30 inches tall and is very uniform in maturing the crop. The peas are of good quality and retain that desirable green color after cooking. Pkt. 10c; lb. 35c; 5 lbs. \$1.50; 10 lbs. \$2.50; 25 lbs. \$5.00.

LITTLE MARVEL. Vines 15 inches, producing an abundance of pods frequently borne in pairs which average 2½ inches. Pods are dark green, well filled with peas of excellent quality. Pkt. 15c; lb. 40c; 5 lbs. \$1.75; 10 lbs. \$3.00; 25 lbs. \$6.25.

LAXTONIAN. The vines grow eighteen to twenty inches high and produce an enormous crop of dark green pods as large as Gradus, maturing a few days ahead of that variety. Pkt. 15c; lb. 40c; 5 lbs. \$1.75; 10 lbs. \$3.00; 25 lbs. \$6.25.

LAXTON'S PROGRESS. Season same as Laxtonian, vines 20 inches, pods 4 inches, dark green, containing 8 peas. One of the best. Pkt. 15c; lb. 40c; 5 lbs. \$1.75; 10 lbs. \$3.00; 25 lbs. \$6.25.

NOTT'S EXCELSIOR. A medium-early wrinkled sort of dwarf habit. Pods are numerous and well filled, being quite broad. The quality is pronounced the best of any. Height, fourteen inches. Pkt. 15c; lb. 40c; 5 lbs. \$1.75; 10 lbs. \$3.00; 25 lbs. \$6.00.

WYOMING WONDER. An extra large podded late variety. Used for main crop. Pods are dark green and contain 8 to 10 large sweet peas. Grows 24 to 28 inches tall. Pkt. 15c; lb. 40c; 5 lbs. \$1.75; 10 lbs. \$3.00; 25 lbs. \$6.25.

	Pkt	Lb.	5 lbs.	10 lbs.	25 lbs.
LITTLE GEM	\$.15	\$.40	\$ 1.75	\$ 3.00	\$ 6.25
AMERICAN WONDER .....	.15	.40	1.75	3.00	6.25
DWARF TELEPHONE .....	.15	.40	1.75	3.00	6.25
ASGROW NUMBER 40 .....	.15	.40	1.75	3.00	6.25
TELEPHONE-TALL .....	.15	.40	1.75	3.00	6.25

PARSNIPS

One ounce sows 200 feet of drill, 5 to 6 lbs. to an acre.

HOLLOW CROWN (Large Sugar). Grown more universally than any other. Roots white, smooth, sugary. 12 to 15 inches in length and often 3 inches in diameter at the top. 100 days. Pkt. 10c; oz. 20c; ¼ lb. 35c; lb. \$1.25.

PARSLEY

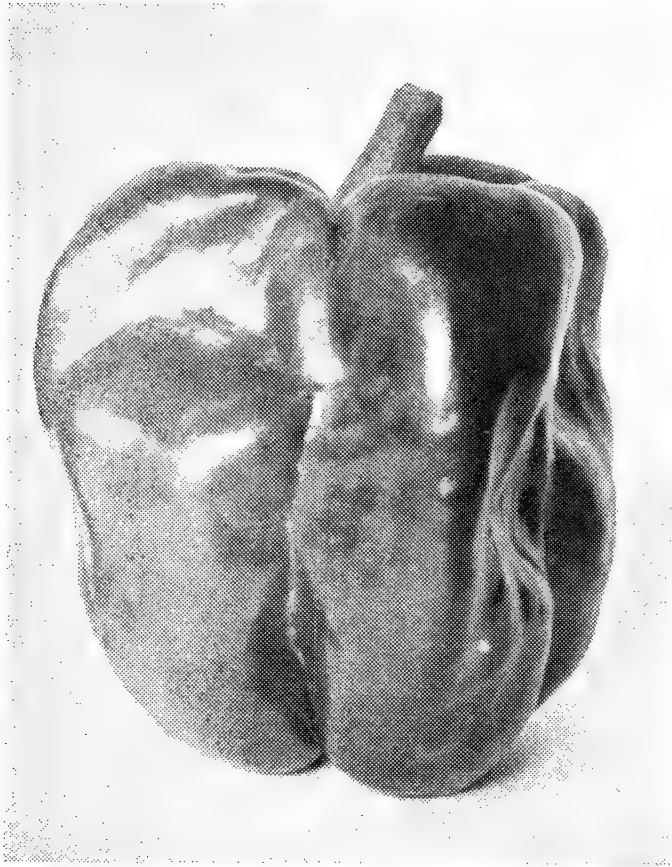
One ounce sows 150 feet of drill, 3 to 4 lbs. to an acre.

CHAMPION MOSS CURLED. A vigorous, compact sort, very fine for garnishing and flavoring. Owing to its uniformity, deep green color and attractive foliage, it is one of the best for market use. Densely crimped and curled. 70 days Pkt. 5c; oz. 15c; ¼ lb. 35c; lb. \$1.10.

HAMBURG (Rooted). The fleshy roots of this variety resemble parsnips, and are used in soups and stews. They may be dug and carried through the winter, like turnips, etc. The flesh is white. 100 days. Pkt. 5c; oz. 15c; ¼ lb. 35c; lb. \$1.10.

PEPPERS

CULTURE — Peppers like a light, rich, warm soil for best results. Sow seed in hotbed early in April and transplant to open ground when weather is settled. One ounce is sufficient for about 1,500 plants, ¼ pound to transplant one acre.



CALIFORNIA WONDER

Calwonder - Early

This variety ripens at least a week earlier than California Wonder and produces heavy crops of fine large blocky fruit of the same type as that variety. The peppers are 3 and 4 lobed, large, fairly smooth with thick flesh. Pkt. 10c; ½ oz. 40c; oz. 75c; ¼ lb. \$2.00.

California Wonder

One of the most important market varieties. Large size with wonderfully thick flesh and very solid. Fruits, before ripening, are a brilliant deep green and ripen to a waxy crimson color. Very smooth; very uniform and very prolific. 65 days. Pkt. 10c; ½ oz. 35c; oz. 60c; ¼ lb. \$1.75; lb. \$6.00.

Ruby King

Plants about 2 feet high, well branched, thickly set with fruits, some 4 to 6 inches long by about 4 inches thick. When ripe they are of a beautiful bright, glossy red, and of very mild flavor. 59 days. Pkt. 10c; ½ oz. 35c; oz. 60c; ¼ lb. \$1.75; lb. \$6.00.

	Pkt.	Oz.	¼ lb.	Lb.
OSHKOSH (Golden)	\$.10	\$.60	\$1.75	\$6.00
The largest and best Yellow Pepper.				
HUNGARIAN WAX (Hot) .....	.10	.60	1.75	6.00
Waxy yellow when young. Red when ripe.				
PIMENTO .....	.10	.50	1.50	5.00
Very thick heavy fruit. Pointed at bottom.				
LONG RED CAYENNE.....	.10	.50	1.50	5.00

SQUASH

One ounce plants 40 hills; 3 lbs. to the acre.

Green Hubbard

The standard of quality in a winter squash. Shell bluish green, tough, slightly warted. Flesh rich orange-yellow, fine-grained and sweet. Properly stored will keep all winter. Heavy yielder on fertile soil. 100 days. Pkt. 10c; oz. 20c; ¼ lb. 50c; lb. \$1.50.

Acorn or Table Queen

A summer variety and good winter keeper. Shell is dark green, hard and deeply ribbed. Flesh orange colored. Size just right for two person serving. 75 days. Pkt. 10c; oz. 20c; ¼ lb. 50c; lb. \$1.50.

Giant Golden Straight-Neck

A productive summer variety. Golden color; thickly warted. Easily packed for shipping. 58 days. Pkt. 10c; oz. 20c; ¼ lb. 50c; lb. \$1.50.



GREEN HUBBARD SQUASH

	Pkt.	Oz.	¼ lb.	Lb.
BANANA	\$.10	\$.20	\$.50	\$1.50
WHITE BUSH SCALLOP .....	.10	.20	.50	1.50
GOLDEN HUBBARD .....	.10	.20	.50	1.50
COCOZELLE .....	.10	.20	.50	1.50



Garden Bargain Collections

18 VARIETIES

\$1.00

POSTPAID

½ Lb.	Burpee Stringless Beans
½ "	Little Marvel Peas
½ "	Bush Lima Beans
½ "	Golden Bantam Corn
1 Packet	Detroit Dark Red Beets
1 "	Danvers Half Long Carrot
1 "	B S Simpson Lettuce
1 "	White Icicle Radish
1 "	Breakfast Radish
1 "	Bloomsdale Spinach
1 "	Endive
1 "	White Spine Cucumber
1 "	Swiss Chard
1 "	Yellow Globe Onion
1 "	Chinese Cabbage
1 "	Moss Curled Parsley
1 "	Hollow Crown Parsnips
1 "	Purple Top Globe Turnip

\$2.10 REGULAR VALUE

YOU SAVE \$1.10

20 VARIETIES

\$2.00

POSTPAID

1 Lb.	Burpee Stringless Beans
1 "	Little Marvel Peas
½ "	Bush Lima Beans
½ "	Golden Bantam Corn
½ "	Stowells Evergreen Corn
1 Oz.	Detroit Dark Red Beets
1 "	Danvers Half Long Carrot
1 "	B S Simpson Lettuce
1 "	White Icicle Radish
1 "	Breakfast Radish
1 "	Bloomsdale Spinach
1 Packet	Endive
1 "	White Spine Cucumber
1 "	Swiss Chard
1 "	Yellow Globe Onion
1 "	Chinese Cabbage
1 "	Moss Curled Parsley
1 "	Hollow Crown Parsnips
1 "	Purple Top White Globe Turnip
1 "	Broccoli - Green

\$3.50 REGULAR VALUE

YOU SAVE \$1.50

NO SUBSTITUTIONS PERMITTED

PLANT MORE VEGETABLES FOR HEALTH

Garden Collection

❖ FOR ❖

One-Half Acre Family Garden

Recommended by Iowa State College for a complete one-half acre FAMILY GARDEN and consisting of the following

- | | |
|--|--|
| 2 Lbs. Stringless Green Pod Bush Beans | 1 Oz. Radish — Scarlet Globe |
| ½ Lb. Lima Beans — Hendersons Bush | 1 Oz. Radish — White Icicle |
| ½ Lb. Kentucky Wonder Pole Beans | 1 Lb. Hybrid Sweet Corn — a blend of Yellow Hybrid Corns to spread maturity. |
| 2 Oz. Beets — Dark Red | ½ Lb. Stowells Evergreen Hybrid Sweet Corn |
| ¼ Oz. Marion Market Cabbage — Yellow Resistant | 1 Oz. Swiss Chard |
| 1 Oz. Danvers Half Long Carrots | ½ Oz. Squash — Table Queen |
| ½ Oz. Chinese Cabbage — Chihili | ¼ Oz. Tomato — Marglobe Wilt Resistant |
| ½ Oz. Cucumbers — White Spine | 1 Oz. Turnip — Purple Top White Globe |
| 1 Oz. Lettuce — Black Seeded Simpson | 1 Pkt. Cosmos — Early Flowering |
| ½ Oz. Muskmelon — Hearts of Gold | 1 Pkt. Marigold — Guinea Gold |
| ½ Oz. Parsnips — Hollow Crown | 1 Pkt. Zinnia — Giants Mixed |
| 1 Lb. Peas — Early Alaska | |
| 2 Lbs. Peas — Little Marvel | |
| 1 Oz. Pumpkin — Connecticut Field | |

\$5.75 Value for \$4.00

Postage 25c Extra

SAUNDERS' HYBRID SWEET CORN BLEND

Plant this special blend of five different early and mid season Yellow varieties of Hybrid corn early and prolong the harvest by being able to pick roasting ears throughout the whole season. Lb. 40c; 5 lbs. \$1.75.

HYBRID SWEET CORN COLLECTION

Five Varieties ----- ¼ Lb. of each ----- Total Value of 85c for only 65c

Carmelcross - Marcross - - Golden Cross Bantam
Hybrid Stowells Evergreen - Hybrid Country Gentlemen

For those who prefer to keep the different varieties separate and would like a collection of Hybrid Corns that will enable them to have corn until late in the fall, we are making this special bargain offer. Satisfy yourself as to the variety that you prefer.

RADISHES

One ounce of seed will sow 100 feet of drill; 8 to 10 pounds will plant an acre.

Early Scarlet Globe

For forcing and for garden culture. It is very early and of fine shape and color. The flesh is crisp and tender, juicy and mild. The color is rich scarlet. Has a small top and the radishes are surprisingly uniform in shape and size. Ready for table use in 20 days. Pkt. 5c; oz. 15c; 1/4 lb. 35c; lb. \$1.00; 5 lbs. \$4.50.

Cincinnati Market

Best long red variety. The tops are small, and can stand almost touching in the rows. It grows straight and smooth, 6 to 7 inches in length. Skin scarlet, very thin; flesh crisp, brittle and of delightful flavor. 32 days. Pkt. 5c; oz. 15c; 1/4 lb. 35c; lb. \$1.00; 5 lbs. \$4.50.

Long White Icicle

It grows 4 to 5 inches long, is slightly stump-rooted, and of transparent whiteness. Short leaves. Matures quickly. Most excellent flavor. Equally desirable for home or market-gardens. A long-standing sort. Pkt. 5c; oz. 15c; 1/4 lb. 35c; lb. \$1.00; 5 lbs. \$4.50.

White Tipped Early Scarlet Turnip

Handsome bright scarlet color with white tip. Its fine appearance attracts customers and its quality always pleases. Ready for table in 20 days. Pkt. 5c; oz. 15c; 1/4 lb. 35c; lb. \$1.00; 5 lbs. \$4.50.



SPECIAL EARLY SCARLET GLOBE

	Pkt.	Oz.	1/4 lb.	Lb.	5 lbs.
CRIMSON GIANT	\$.05	\$.15	\$.35	\$1.00	\$4.50
SPARKLER .....	.05	.15	.35	1.00	4.50
FRENCH BREAKFAST .....	.05	.15	.35	1.00	4.50
LADY FINGER .....	.05	.15	.35	1.00	4.50
WHITE STRASSBURG .....	.05	.15	.35	1.00	4.50
GIANT WHITE STUTTGART .....	.05	.15	.35	1.00	4.50
LONG BLACK SPANISH .....	.05	.15	.35	1.00	4.50
CHINA ROSE WINTER .....	.05	.15	.35	1.00	4.50
CALIFORNIA MAMMOTH WHITE .....	.05	.15	.35	1.00	4.50

SALSIFY — OYSTER PLANT

One ounce sows 50 feet of drill, 8 pounds to an acre.

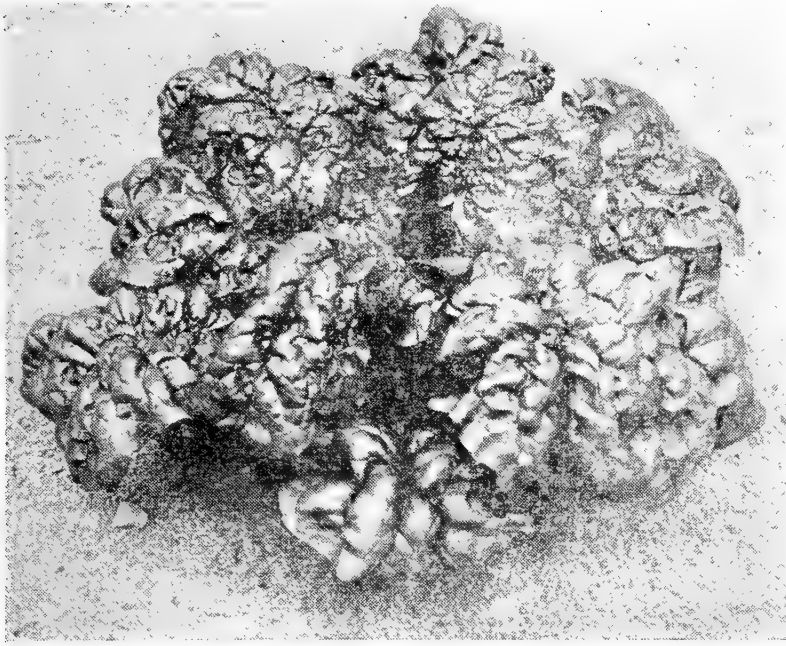
	Pkt.	Oz.	1/4 lb.	Lb.
MAMMOTH SANDWICH ISLAND	\$10	\$40	\$1.25	\$4.00

SUNFLOWER

MAMMOTH RUSSIAN. Tall, heavy foliage with large flowering heads, filled with seed. Pkt. 5c; 1/4 lb. 15c; lb. 40.

SPINACH

One ounce will sow 50 feet of row, 12 to 15 pounds to the acre.



BLOOMSDALE LONG STANDING SAVOY

Bloomsdale Savoy Long-Standing

As its name indicates, this strain is fit for market ten to fourteen days longer than the standard variety. Every gardener will appreciate this improvement. The deep glossy green leaves are uniformly crumpled and blistered. Pkt. 5c; oz. 10c; lb. 60c; 5 lbs. \$2.75.

Bloomsdale Savoy, Reselected

A new strain of Savoy, which has been selected so as to eliminate the male plants and thereby prevent running to seed so early in the season. Pkt. 5c; oz. 10c; lb. 60; 5 lbs. \$2.75.

KING OF DENMARK This will stand two weeks longer than the old-type varieties before shooting to seed. It has a beautiful, blistered dark green, thick leaf of fine quality. Pkt. 5c; oz. 10c; lb. 75c; 5 lbs. \$3.00.

BLIGHT RESISTANT SAVOY A valuable variety for fall planting. Has very thick crumpled dark green leaves. Stands well without bolting. Pkt. 5c; oz. 10c; lb. 60c; 5 lbs. \$2.75.

NEW ZEALAND Not a true spinach. Valuable for summer. Oz. 10c; 1/4 lb. 25c; lb. 85c.

100 LBS. ANY VARIETY AT 2c LESS PER LB. THAN 25 LB. RATE.

TURNIP

One ounce sows 100 feet of drill, 1 to 2 pounds to acre.

Purple-Top White Globe

Outsells all other varieties. A beautiful globe-shaped sort having a purple top and pure white on the bottom. 56 days. Pkt. 5c; oz. 10c; 1/4 lb. 30c; lb. 90c; 5 lbs. \$4.00.

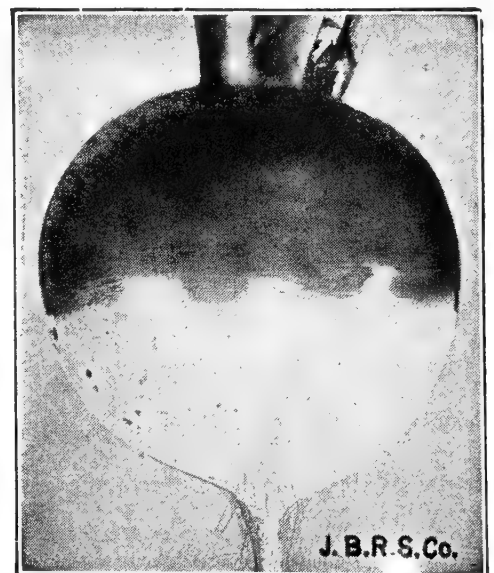
Purple-Top Strap-Leaf

The roots are flat, of medium size, purple above ground, white below medium early. Pkt. 5c; oz. 10c; 1/4 lb. 30c; lb. 90c; 5 lbs. \$4.00.

RUTABAGA

Imp. American Purple-Top

90 days. A fine strain of yellow Purple-Top Rutabaga. Pkt. 5c; oz. 10c; 1/4 lb. 30c; lb. \$1.00.



WHITE GLOBE TURNIP

J. B. R. S. Co.

TOMATOES

One ounce produces 2,000 plants - 4 ounces to the acre.

Earliana

Its extreme earliness, together with its large, comparatively smooth fruit, makes Earliana a very profitable sort for the market gardener. 55 days. Pkt. 10c; oz. 60c; ¼ lb. \$1.75; lb. \$6.00.

Bonny Best

An early variety maturing a little later than Earliana. Fruit medium size, color bright scarlet, exceedingly smooth, handsome shape, ripens evenly close up to the stem. Pkt. 10c; oz. 60c; ¼ lb. \$1.65; lb. \$5.50.



MARGLOBE TOMATO

Marglobe Tomato — Blight Resistant

The fruit is large, globe shaped, perfectly smooth, deep red, very solid and firm. The vines are vigorous and healthy and do not blight. Because of this fact the vines remain green until frost or until the whole crop is matured, so the late fruit is as good as the first to ripen. Pkt. 10c; ½ oz. 35c; oz. 60c; ¼ lb. \$1.50; lb. \$5.00.

Pritchard — Scarlet Topper

The fruit is medium early, ripening right after Bonny Best. The flesh is very solid with few seed cavities and the brilliant red color goes right up to the stem. This variety is free from cracks which gives the grower a large percentage of No. 1 fruit. The quality is extra fine being mild and without acidity. Pkt. 10c; ½ oz. 35c; oz. 60c; ¼ lb. \$1.75; lb. \$5.50.

Certified Rutgers — Wilt Resistant

Outstanding features are large size, solid structure, deep red color all over and high yield. Its habit of ripening from the inside out is an asset in the manufacture of juice, catsup, etc. Vines are strong and sturdy with ample foliage. Does best on light, sandy soil without too much nitrogen, 60 days. Pkt. 10c; ½ oz. 35c; oz. 60c; ¼ lb. \$1.50; lb. \$4.50.

Break-O-Day

The new Pritchard hybrid developed from Marglobe and Marvana, having their disease-resistant qualities. Matures next to Earliana. Fruits are scarlet, solid and meaty. Break-O-Day will become very popular. 58 days. Pkt. 10c; ½ oz. 35c; oz. 60c; ¼ lb. \$1.75; lb. \$5.50.

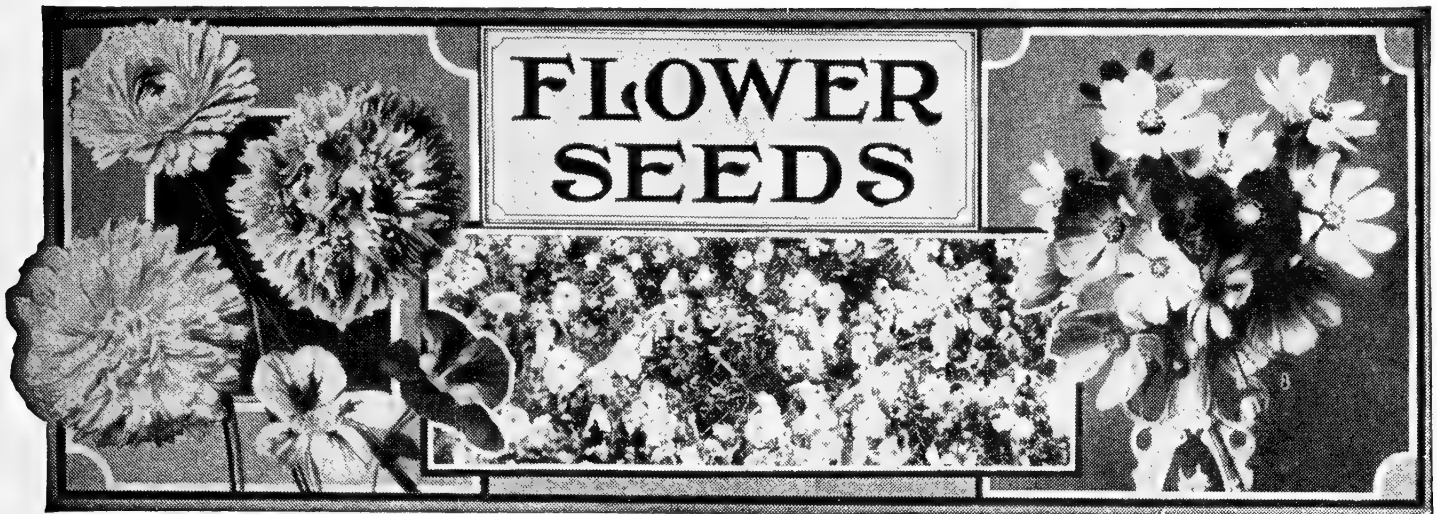
New Stone

The largest, bright red, perfect, smooth, highest-yielding, best-keeping, finest-flavored, main-crop variety. Always of good size, deep through from stem to blossom end, and very firm. 76 days. Pkt. 10c; oz. 45c; ¼ lb. \$1.40; lb. \$4.00.

Indiana Certified Greater Baltimore Tomato

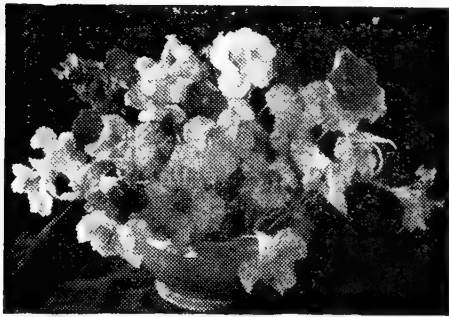
Heavy yielder. Favored by canners and market gardeners for main crop. Our stock is certified. Pkt. 10c; oz. 60c; ¼ lb. \$1.50; lb. \$5.00. Packed in quarter pound sealed cartons.

	Pkt.	½ oz.	Oz.	¼ lb.	Lb.
RED ROCK .....	.10	.25	.45	1.40	4.50
PONDEROSA .....	.10	.45	.75	2.50	8.00
OXHEART .....	.10	.45	1.00	3.00	10.00



SAUNDERS' "Tip Top" FLOWER SEEDS

NASTURTIIUMS



GLEAM HYBRIDS

Dwarf Double Varieties

The greatest sensation of recent flower introductions. The flowers, mounted on long wiry stems, are large and sweet-scented, a large percentage coming double and highly fragrant.

Double Golden Gleam. (Gold Medal, All-America Selections, 1933) Golden yellow. Pkt. 10c; oz. 35c.

Double Scarlet Gleam. (Gold Medal, All-America Selections, 1935) Fiery orange-scarlet. Pkt. 10c; oz. 35c.

Double Gleam Hybrids. Award of Merit, All-America Selections, 1935. All colors, mixed. Pkt. 10c; oz. 35c.

Dwarf Variety

SAUNDERS' SUPERIOR MIXTURE. Our best mixture of the dwarf varieties. It is composed exclusively of the most elegant large-flowered sorts in brilliant colors of every shade. Pkt. 10c; oz. 25c; ¼ lb. 75c; lb. \$2.50.

Tall or Climbing Varieties

SAUNDERS' UNEXCELLED MIXTURE

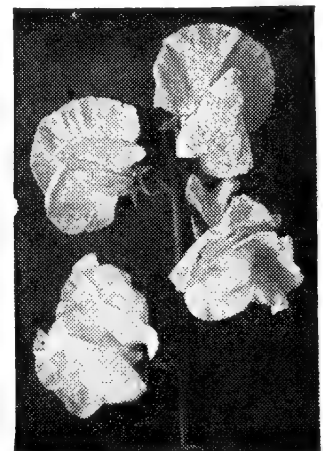
A wonderful diversity of rich colors and new and striking combinations are found in this unequaled mixture. Pkt. 10c; oz. 25c; ¼ lb. 75c; lb. \$2.50.

SWEET PEAS

EARLY FLOWERING SPENCER TYPES

SPENCER, "TIP-TOP" MIXED. Many of the best named sorts, also some rare new hybrids in lavender, blue, striped, mottled, purple, maroon and many other shades, are included in this good mixture. All flowers are of large size, typically frilled and waved. Pkt. 10c; oz. 25c; ¼ lb. 85c; lb. \$2.25.

SUPERIOR MIXTURE OF GRANDIFLORA VARIETIES. Superior mixture of this older type. Many of the finest varieties; all in bright colors. Pkt. 10c; oz. 20c; ¼ lb. 75c; lb. \$2.00.

SHIRLEY TEMPLE
SWEET PEAS

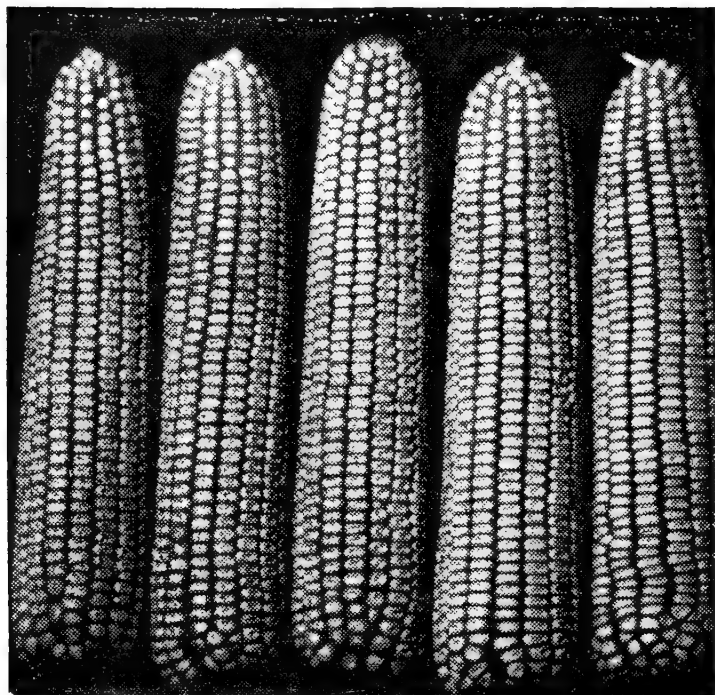
We can supply the following varieties of Flower Seeds in packet. All packets 10c each. Ask for prices of ounces and larger quantities.

ASTERS
BACHELOR BUTTONS
CALENDULA
CANDYTUFT
COSMOS
COCKSCOMB
CYPRESS VINE

CARNATIONS
MARIGOLDS
MORNING GLORY
MIGNONETTE
FOUR O'CLOCK
PORTULACA
PETUNIA

PHLOX
SNAPDRAGONS
SCARLET BEAN
CASTOR OIL BEAN
THUNBERGIA
ZINNIAS - Giant
ZINNIAS - Lilliput

Hybrid Seed Corn



IOWA 939

GREATER YIELDS

STANDS UP BETTER

DROUTH RESISTANT

In a series of field tests conducted in different sections of Ohio by the Experiment Station, the best Hybrids have yielded at least 15% to 25% more than ordinary varieties. It has also been proven that they are stiffer stalked, have fewer barren stalks, less smut and are more resistant to drouth.

All of the HYBRID varieties that we offer are CERTIFIED by and produced under the supervision of the SEED IMPROVEMENT ASSOCIATION of the state in which they are grown.

1949 PRICES

Medium Flat Grains	\$ 9.00 Bu.
Large Flat Grains	9.00 Bu.

IOWA 4316 - Earlier than Iowa 939 by almost a week. Very satisfactory newer variety. High yielding and resistant to corn borer.

IOWA 939 - A general favorite widely adapted maturing in 105 to 110 days. Its record over the past eight years shows that it is grown more generally and with more dependable yields than any other hybrid in Ohio. We have both Ohio and Iowa grown and Certified.

IOWA 306 - Similar to Iowa 939 with three of the same inbreds. A high yielder without the ear droppage like other hybrids. Does well on different types of soils. Very satisfactory results for the 1944 and 1945 season throughout this section. It is becoming more popular every year.

OHIO W 36 - An early midseason maturing variety. Resistant to blight and corn borer. Has medium sized stalk with large ears.

OHIO C 38 - Highest ranking hybrid of the year for Corn Borer and blight resistance. Large ears of soft deep grains - matures in 110 to 115 days - well adapted for mechanical corn pickers - very popular throughout this whole section.

IOWA 4059 - About a week later than Iowa 939. Has a healthy stalk, blight resistant and with smoother ears. A good corn for mechanical picking. Heavy yields.

US 13 - A later variety but earlier than heretofore thought. Will mature along with Reids Yellow Dent in 110 to 115 days. Large ears, deep grain and disease resistant sturdy stalk. One of the heaviest producers and best qualities of all Hybrids for the later main crop.

ALL HYBRIDS ARE OFFERED SUBJECT UNSOLD AND PRICE CHANGE.

PLACE YOUR ORDERS EARLY

SEED CORN

TESTED — GUARANTEED GERMINATION

Hand Selected, Butted, Tipped and Triple Graded

All corn especially selected for Seed, true to type and Germination guaranteed. We offer the following Varieties of Open Pollinated Seed Corn:

Ask for 1949 Seed Corn Prices

We can supply the following varieties:

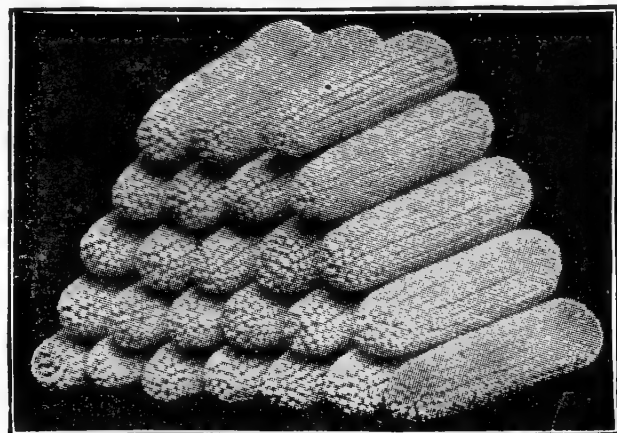
Woodburn Yellow Dent

Reid's Yellow Dent

Blue Clarage

Johnson County White

Ensilage Variety



WOODBURN YELLOW DENT

BROME GRASS

A perennial grass that is gaining popularity very rapidly due to its ability to resist the extremes of cold and drouth. It is adapted to a wide range of soils and makes a very leafy, tender and palatable hay although it is especially valuable when sown with Alfalfa at the rate of 5 to 10 lbs. to the acre as it makes a heavy yield of exceptionally fine quality hay and pasture. Price 45c per lb.; \$40.00 per 100 lbs.

RANGER ALFALFA

A disease and wilt resistant strain of Alfalfa that is very desirable where the field is left for a long time. Very Winter Hardy. \$1.00 per lb.; \$57.00 per bu.

SWEET SUDAN GRASS

A new Improved variety of Sudan. More resistant to disease and has a sweet and juicy stalk like sweet sorghums. Later maturing than ordinary Sudan, therefore remains green longer and produces a much higher yield than ordinary Sudan. Sow in late May or June and can be sown in July at the rate of 25 to 30 lbs. to the acre. More palatable feed for livestock. Lb. 15c; \$12.50 per 100 Lbs.

REED CANARY GRASS

Reed Canary Grass is a coarse perennial with broad deep leaves that grows from 2 to 5 feet tall. It is the best for moist wet or swampy soils and gives a crop on soil that otherwise could not be cultivated. Seed 5 to 10 lbs. per acre. 1 lb. 75c; 10 lbs. or more 65c per lb.

ALTA FESCUE

An improved strain of Tall Fescue. A deep rooted hardy perennial adapted to a wide variety of soils and climate. In addition to forage value is well adapted for athletic fields and airports. Lb. 85c; 5 lbs. \$3.75; Ask for prices in larger quantities.



CLINTON OATS

SEED OATS

Clinton 59

Clinton 59 is the new improved Clinton that is offered this year for the first time. It has the same general characteristics and qualities of the parent Clinton but has been developed for more uniformity of ripening and height of stock. It will replace the old type of Clinton within a few years. We have limited stocks of Certified Indiana grown that we can offer as long as available.

Clinton

The new variety that is highly resistant to the blight and root rot and other diseases that have caused the failure of our Oats crop the past seasons. Very stiff straw that permits late combining. Yields better than any other variety. Widely adapted to all types of soil.

Benton

Very similar to Clinton, heavy stiff straw growing approximately six inches taller than Clinton. Recommended for thinner soils or where extra straw yield is wanted. CERTIFIED Indiana Grown Seed.

SPRING BARLEY

Wisconsin No. 38 6-Row

This is a new, smooth-bearded, developed by the Wisconsin Experiment Station. It is a little later in maturing than most of the 6-row types and has a very thick straw. It matures at about the same time as Vicland Oats. It is also suitable for sowing with Oats.

SOY BEANS

Certified Hawkeye

This new variety is now offered for the first time and promises to be one of the most profitable varieties yet developed. It is early maturing and stands as well as Richland with the oil content and yield as good as Lincoln. We have limited quantities of Ohio and Indiana Certified stocks. See current price list for prices.

Lincoln

One of the best varieties recently developed by the Experiment Station. It has a remarkable yield record, oil content and standing ability. Matures slightly later than Mingo. Over a four year period it has yielded from 3 to 6 bushels more per acre. Pods are borne well off the ground and are resistant to shattering.

Richland

One of the earliest varieties, is especially adapted to highly fertile soil, a yellow variety with stiff stalks. The plants stand erect and resist lodging. abundant yielder of beans and very satisfactory oil mill variety. It produces average to good oil content.

Wilson Black

A well known hay bean, especially suited for silage. It is inclined to vine and produces a large amount of foliage.

See Current List For Prices.

INOCULATE ALL SOY BEAN SEED WITH NITRAGIN for Higher Production.

FARM SEEDS

PERMANENT PASTURE MIXTURES

Containing Kentucky Blue Grass, Brome Grass, Red Top, Timothy Alsike Clover, Red Clover and Yellow Sweet Clover. Well balanced mixture for normal requirements. Special Mixture for Wet Fields. Sow 15 lbs. to acre. fPrice per lb. 40. Ask for prices on large quantities.

SUDAN GRASS

Sudan Grass produces an immense yield of nutritious hay. It can be cut twice in a season if planted early but after frost danger. Grows 3 to 5 feet high. Can be sown as late as July. Sow 20 to 30 lbs. to the acre for best results. See Farm list for current prices.

DWARF ESSEX RAPE

Rape makes an excellent pasture for both sheep and hogs and is a fine conditioner for all live stock except milk cows. It grows very rapidly and pasture will be ready in five weeks from time of sowing. Can be sown any time through spring and summer and in corn at last cultivation. 6 to 8 lbs. are broadcast to the acre. Price 25c per lb.; 10 lbs. or over at 20c per lb.

LESPEDEZA — KOREAN

This new Clover has become popular very fast the past few years because of its great possibilities. It will grow on the poorest soils and is especially valuable for the southern part of this state and farther south. It makes excellent pasture and is a quick soil builder. It is an annual Clover and reseeds itself or produces a large crop of Seed. It is sown at the rate of 15 to 20 lbs. to the acre. Price per lb. 20c; \$3.50 per bu. of 25 lbs.

ORCHARD GRASS

A very desirable grass especially where there is some shade — Popular for sowing with a mixture for permanent pasture. Leafy and thrives on mos any soil. Sow 20 to 25 lbs. to the acre alone. Price 40c per lb; 10 lbs. or over at 35c per lb.

MEADOW FESCUE

Sometimes called English Blue Grass. Excellent permanent pasture. Grass similar to Orchard Grass in use. Wide adaptation to most soils. Does well on poorly drained land. It is a perennial. Price 30c per lb.

WINTER or FALL BARLEY

This variety has shown its value and gained popularity the past few years due to the good yields (50 to 60 bushel to the acre is not unusual) and the fine feeding value. It should be sown the latter part of September and is harvested the latter part of June. On account of its earliness, chinch bugs have not bothered this variety. It is replacing Oats in the crop rotation as it makes an ideal small grain crop for starting Clover and Alfalfa. Write us next summer for prices for fall sowing.

LADINO CLOVER

See description and prices on page 23.

Alfalfa and Clover Seeds

Hardy Northern Grown — Approved Adaptable Origin

MEDIUM RED CLOVER — ALFALFA — GRIMM ALFALFA — WHITE BLOSSOM CLOVER — YELLOW BLOSSOM SWEET MAMMOTH RED OR SAPPING — ALSIKE — LESPEDEZA — TIMOTHY — KENTUCKY BLUE GRASS — RED TOP — HIGHEST QUALITY — TESTED — KNOWN ORIGIN

See Current List for Prices

APPROX. 70,000,000 LBS. OF AIR-NITROGEN
ABOVE EVERY ACRE. THIS IS AVAILABLE
FREE FOR SOIL AND CROP IMPROVEMENT IF YOU
**CONVERT LEGUME SEEDS
INTO FERTILIZER PLANTS**

Inoculating by with
NITRAGIN SERVICE

51 YEARS

ALFALFA
RED CLOVER
SWT. CLOVER
COWPEAS
PEAS
VETCH
A. W. PEAS
SOYBEANS
LESPEDEZA
PEANUTS
BEANS
ALL-
LEGUMES

BUILD UP YOUR SOIL Inoculate Your Legumes With NITRAGIN

Inoculate your Legume seeds even tho planted on fields that have been inoculated before. Field tests have shown that better crops are harvested when Legume seeds are inoculated even when planted on fields where inoculated seeds of the same Legume crops had grown the previous year.

1949 NITRAGIN INOCULATION PRICES

When Ordering, ALWAYS State Name of Seed

ALFALFA

Sweet, Bur, Hubam Clovers

Size	Retail
1 bu. ea.....	\$.50
2½ bu. ea.....	1.00

CLOVERS

Red, Alsike, Crimson,
White and Ladino

1 bu. ea.....	\$.50
2½ bu. ea.....	1.00

PEAS (All Varieties)

VETCHES (All Varieties)

100 lb. size (Inoculates up to 100 lbs.) ea.....	\$.50
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BEANS—Navy, Pinto, Wax,
String, Kidney, Gr. Northern

1 bu. ea.....	\$.35
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LESPEDEZA—Hulled or Unhulled

100 lb. size (Inoculates up to 100 lbs. seed)	\$.50
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PEANUTS, COW PEAS

Size	Retail
2 bu. ea.....	\$.30
5 bu. ea.....	.50
30 bu. (one ctn.) ea..	2.95
(Contains 6-5 bu. cans)	

SOYBEANS (All Varieties, Including Edible)

2 bu. ea.....	\$.30
5 bu. ea.....	.50
25 bu. (one can) ea..	2.25
30 bu. (one ctn.) ea..	2.95
(Contains 6-5 bu. cans)	

LUPINES (All Varieties)

100 lb. size (Inoculates up to 100 lbs. seed)	\$.50
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GARDEN SIZE

Garden Peas and Beans
Sweet Peas, Lupines and
Edible Soybeans

Enough for 8 lbs. seed Retail Price 15c each.	
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NITRAGIN—Oldest and Most Widely Used Inoculator in America



SOYBEAN FIELD near Spencer, Ohio
One drill row thru center not inoculated. Remainder
of field inoculated with NITRAGIN.

We are equipped with the most efficient and up-to-date equipment for cleaning Clover Seeds (including Scarifying and Cleaning Sweet Clover) and all Seed Grains and are buyers of Ohio grown Seed. Send us your samples for our bids. We do Commercial Cleaning on all Seeds.

We have recently installed new mills to remove Buckhorn and Dodder from Clover and Alfalfa.



E-Z FERTILIZER SPREADER

Fertilize your Lawn or Garden the new EZ way. Fill Container, push like a carpet sweeper - your lawn is covered quickly and uniformly without waste or mess - Economical and efficient. Price \$1.25.

See quotations on larger Vigoro Spreader on next page.

The new handy Plant Tie. Quick, permanent and convenient. Dark Green Color.

Box 125, 8 in. size.....\$.35



TREE TANGLEFOOT

Protect your Trees - both Shade and Fruit - by banding with Tree Tanglefoot. Simple application on tree trunk will prevent bugs from reaching foliage and harming the tree. 6 oz. can 45c; 1 lb. can 80c; 5 lbs. \$3.75; 10 lbs. \$7.00. Ask for prices in 25 lb. size and larger quantities.

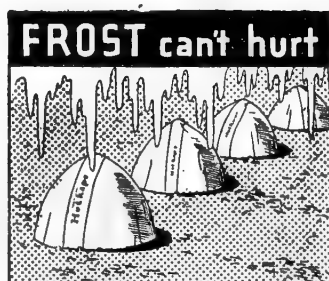
"Cyclone" Broadcast Seeder

A most effective machine for sowing grass seed or grain broadcast. It will sow any kind of seed, put it on evenly at any desired rate per acre. Very useful for sowing light grass seeds which other kinds of seeders do not handle well and for sowing cover crops, such as vetch and clover, in standing corn. \$3.75 each. Transportation paid.



Germaco Hotkaps

Hotkaps not only protect plants but make them grow harder and faster. Thus you get a greater crop production to market earlier for higher prices.



1,000 lots, \$14.25; Trial Package (250), including Garden Setter \$4.95; Home Package (100), including Garden Setter \$2.90; Steel Hotkap Setter \$2.10; all postpaid. Special Package of 25, 75c.

Pamphlet illustrating and giving full directions sent with each order.

FERTILIZERS



For Lawns, Flowers and Shrubs

5 lbs. 50c; 10 lbs. 90c; 25 lbs. \$1.60;
100 lbs. \$4.25.

FERTILIZER SPREADERS

Model B	\$5.95
Junior 16"	10.25
Standard 24"	23.25
Special 36"	29.95

SEED DISINFECTANTS

Semesan

For Field Corn and Sweet Corn. Cheap and effective. Prevents corn from rotting in the ground and increases stands. 1½ oz. treats 1 Bu. of seed. 1½ oz. 15c; 12 oz. 65c.

Semesan Jr.

For Vegetable and Flower Seeds. Protects seed from rotting and prevents damping off of seedlings. 1 oz. treats 15 to 30 lbs. of seed. ⅓ oz. 15c; 2 oz. 45c; 12 oz. \$2.00.

Ceresan

For Wheat, Oats and all Grain. Effective dust for control of covered smut on wheat, oats and barley. ½ oz. treats 1 Bu. of seed. 4 oz. 30c; lb. 90c; 4 lbs. \$3.00.

Semesan Bel

For Seed Potatoes. One pound treats 50 to 60 bu. of cut potatoes. For control of rhizoctonia and seed-born scab. 2 oz. 35c; lb. \$1.85.

VIGORO FOR LAWNS, FLOWERS and SHRUBS

5 lbs.	\$.50
10 lbs.	.90
25 lbs.	1.60
100 lbs.	4.25

High Grade Pulverized Sheep Manure

Sheep manure not only furnishes all necessary elements of plant food but also supplies humus which keeps the soil from getting hard and helps it to hold water so plants do not suffer from drought.

This manure should be used at the rate of about 1 lb. to 10 square feet and should be mixed with the soil as much as possible.

The manure we offer is pure, being free from straw, dirt, etc., and is far superior to much of the Pulverized Sheep Manure usually sold.

5 lb. bag	\$.40	50 lb. bag	\$2.50
10 lb. bag	.75	100 lb. bag	3.50
25 lb. bag	1.50		

Pure Bone Meal

This pulverized ground bone is excellent for rose culture and lawns. It decomposes rapidly and is quickly effective. Should be applied at the rate of 10 lbs. per thousand square feet or 400 to 500 lbs. per acre. Analysis, ammonia, 2%; total phosphoric acid, 27%. 5 lbs. 60c; 10 lbs. \$1.00; 25 lbs. \$2.00; 50 lbs. \$3.50; 100 lbs. \$5.50.

PEAT MOSS

A moisture-retaining humus. An important aid in saving soil fertility, better than manure because prevents the formation of hard top crust and fungus growth. Large bale of about 22 bushels \$5.50.

Crow Repellent

If you are troubled with crows and other birds pulling up your seed corn, treat it with HAMMOND'S CROW REPELLENT. Will not harm the seed or clog the planter.

½ pint (enough for 1 Bu.)	\$.60
Pint (enough for 2 Bu.)	1.00
Quart (enough for 4 Bu.)	1.75

Transportation paid.

Spergon

For Lima Beans, Peas, etc. Protects seed against decay, improves stands and actually stimulates growth. Highly recommended for lima beans and excellent for peas. Treated seed may be sown without graphite. 2 oz. treats 1 Bu. of seed. 2 oz. 45c; lb. \$2.40. Prepaid.

Agriculture Weed Killers

GOLD BEAR BRAND "40" - A liquid concentrate of Amine Salts, easy to mix with any type of water. Because of high concentration it is particularly suited to low amounts per acre. 1 Gallon Cans \$8.80; 5 Gallon Cans \$40.25.

GOLD BEAR "44" - For those difficult to kill woody weeds. It is an ester formulation that penetrates plant tissues more quickly. Should not be used near plantings that will be damaged by vapor drift. 1 Gallon Can \$10.35; 5 Gallons \$50.00.

DUPONT "46" ESTER - A very satisfactory high concentrate of ester liquid 2,4D that will give very satisfactory results. 1 Gallon Can \$9.95; 5 Gallon Can \$45.00.

DUPONT 83% Sodium Salt 2, 4-D WEED KILLER - Powder Form for weed control in Fields. Pastures and Lawns. 1 Lb. makes 100 gallons mixture. 1 lb. Bottle \$2.00; 4 lb. Bottle \$7.00; 25 lb. Drum \$40.00.

AMMATE WEED KILLER - Effective for control of Poison Ivy, Canada Thistle, and other hard to kill weeds. Not a selective weed killer. Use $\frac{1}{2}$ to 1 lb. per gallon of water. 2 lb. Jar 5c; 6 lb. Bottle \$2.25; 50 lb. Drum \$14.00; 350 lb. Drum \$70.00.

End-O-Weed

A selective Weed Killer for Lawns. Will not harm the grass. End-O-Weed can be sprayed with the handy "Side Spray" applicator which sprays to the side as you walk along. Half Pint Can \$1.00; Quart Can \$2.75; Side Spray Applicator 59c.

Weedone

Selective killer for Lawns. Kills all weeds that infest lawns without injuring the grass. 6 oz. Can 75c; Quart Can \$2.50.



ACTIVO - Organic Gardening

Make rich activated fertilizer from waste — leaves, garbage, grass, chaff, corn-cobs, etc. — even sawdust and soot — quickly, cheaply and easily. No manure required. Conditions activates and sweetens soils, No. 2 Size for up to 450 lbs. waste \$1.00; No. 7 for up to 1800 lbs. waste, \$2.00; No. 25 Size for up to $3\frac{1}{2}$ tons \$6.75.

Rootone

The plant hormone for better rooting of cuttings, seeds and bulbs. Just dip cuttings into the powder before planting. To treat seeds and bulbs just dust with Rootone before planting. $\frac{1}{4}$ oz. package 25c; 2 oz. jar \$1.00; 1 lb. \$5.00 ppd.

Transplantone

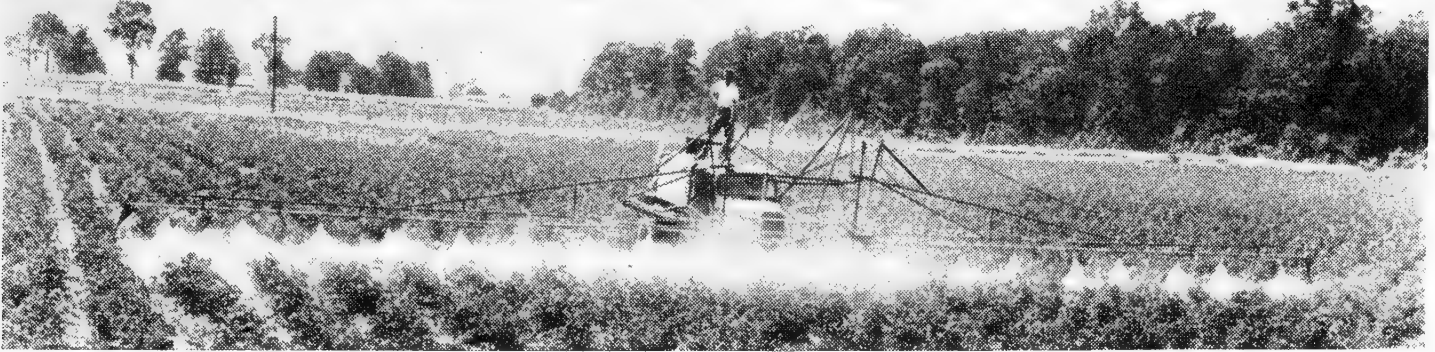
The vitamin-hormone plant stimulant. Use when transplanting seedlings, shrubs, roses and trees, for better rooting and vigorous growth. $\frac{1}{4}$ oz. pkt. 25c; 3 oz. can \$1.00; 1 lb. \$4.00 ppd.

SINGLE WHEEL GARDEN CULTIVATORS

The Rival single wheel cultivator with 5 prong Attachment, \$5.95 FOB Tipp City.

HUDSON SPRAYERS & DUSTERS — Ask for Prices — Spot Stocks.

I N S E C T I C I D E S



Rotonone Dust

A a general purpose dust No. 75 stabilized Rotonone is valuable to all gardeners. Highly toxic and non poisonous to humans. Kills by both contact and stomach action. 1 lb. Sifter Can 40c; 5 lbs. \$1.65; 25 lbs. \$5.00.

End-O-Pest

A dust gun (self contained) filled with rotonone and fungus controlling preparations. 10 oz. Applicator Gun 98c; Refill Cartridges 75c each.

Hammonds Improved Slug Shot

All purpose dusting insecticide-fungicide. Very effective against leaf eating insects and fungus. 1 lb. Can 35c; 5 lbs. \$1.70.

D-X Rotonone

A rotonone spray in an active vegetable oil base. For use against chewing and sucking insects on fruits, vegetables and flowers. One of the most effective forms of rotonone. Prices - 1½ oz. bottle 35c; ½ pt. bottle \$1.40; 1 quart can \$4.30.

Scalecide

A dependable dormant spray. The safest oil spray to use on all fruit trees, shade trees, vines and evergreens. One gallon cans \$2.00 per gallon; 5 gallon cans \$7.35.

Nurexform Arsenate of Lead

For dusting it is mixed with Hydrated Lime or road dust or used in liquid form. To kill most chewing insects on Plants, Trees, Shrubs, etc. 1 lb. Bag 50c; 4 lb. Bag \$1.50.

Arsenate Calcium (Dry)

Stomach poison for bugs on potatoes, cotton, and tobacco. Also used with lime for melon, cucumber, and bean beetles. 1 lb. 20c; 4 lbs. 60c.

Bordeaux Mixture, Powdered

For blight, mildew, rust, etc. It has all the advantages of paste, with double the strength. Goes twice as far. Used for dry dusting or spraying. Dilute 1 pound to about 6 gallons of water for 3-3-50 formula. Lb. 40c; 4 lb. Bag \$1.00.

Copper A Compound

A fixed concentrated copper for spraying or dusting plants sensitive to a bordeaux mixture. 45% copper content. 6 lb. Bag \$2.25.

Sulforon

A micro-fine wettable sulfur. Especially valuable for late cover sprays or where a milder sulphur spray is advisable. A protective fungicide. 6 lb.. Bag 75c; 48 lbs. Case \$5.25.

Sulforon X

An extra fine wettable sulphur - a newly developed type of sulphur for perfect coverage. 5 lb. Bag 65c; Case 50 lbs. \$6.00.

Lime-Sulphur (Dry)

For blights, rots, mildew, rust, etc. For most purposes use 1 pound in 7 to 8 gallons of water. 12½ lb. Bag \$1.90.

Black Leaf 40

One of the best-known and most widely used products for the effective and economical control of sucking insects. For delousing poultry — "paint" Black Leaf 40 on top of roosts shortly before roosting time. It "works while they roost". Price 1 oz. 40c; 5 ozs. \$1.00; 1 lb. \$2.50; 2 lbs. \$3.90; 5 lbs. \$7.40; 10 lbs. \$12.85.

ASK FOR SPRAY CIRCULARS AND PRICES ON LARGER QUANTITIES

DDT

DEENATE 50-W - A wettable powder readily mixed with water. Contains 50% DDT. For controlling insects attacking fruits, potatoes, vegetables, animals or occurring in buildings where residue on surfaces is not objectionable. Use 1 to 2 lbs. per 100 gallons of water. 1 lb. can 65c; 4 lb. bags \$2.00.

DEENATE 10-X - A dusting powder containing 10% DDT in a free flowing dust. Especially designed where liquid insecticides would not be desirable. For use on Animals and in buildings. Effective against cockroaches and bedbugs. 1 lb. can 35c; 5 lb. cans \$1.25.

DEENATE 25-R - An emulsifiable oil containing 25% DDT. When mixed with water forms a stable emulsion. Used especially for farm buildings where a noticeable residue is not desirable. This type should not be used on crops, poultry or where oil might be toxic or objectionable. 1 quart bottles \$1.00.

CHLORDANE - New

A new triple action dust insecticide that controls a wide range of insects including Grasshoppers, crickets, fleas, roaches, etc. Recommended by State Department of Agriculture. 2 lb. Can 85c; 50 lb. Drum \$12.00; 100 lb. Drum \$20.00.

CHLORDANE - 50% Wettable Powder

For spraying — Mix with water at the rate of 2 lbs. to 100 Gallons of Water. 2 lb. Container \$4.00; 50 lbs. or more at \$1.60 per lb.

FERMATE

An organic Fungicide to control various diseases on Fruits, Vegetables and Flowers. Especially valuable to control Tobacco Blue Mold. 3 lb. Bag \$2.40; 25 lb. Drum \$17.50.

PARZATE

A new fungicide that combined with DDT has given extra ordinary results on control of Potato insect and diseases. Ask for particulars. 25 lb. Drum \$27.50.

ZERLATE

A newly developed fungicide possessing excellent adhesive properties on plants. Suitable for Tomatoes, Cucumbers and Melons. 3 lb. Bag \$2.40.

DUPONT GARDEN DUST

A new dust formula containing Fermate, Zerlate, Rotonone and DDT. Highly recommended as a general garden insecticide. 8 oz. Dust Gun 79c; 1 lb. Sifter Can \$1.15; 4 lb. Canister \$3.50.

DUPONT FLORAL DUST

A general purpose dust for Flowers including Roses and other delicate foliage. 8 oz. Dust Can 79c; 1 lb. Sifter Can \$1.15; 4 lb. Canister \$3.50.

FEBRUARY 5th, 1949

Farm Seed Price List

The highest qualities which we are offering below is the best insurance for a good crop. All Quotations on FARM SEEDS are subject stocks unsold and market changes without notice.

BAGS INCLUDED ON ALL SEEDS

CLOVERS

	Per Bu.
Medium Red Clover (Idaho or Ohio)	\$35.00
Medium Red Special	32.50
Mammoth Red Clover (Ohio)	35.00
Alsike Clover	25.00
White Sweet (Ex. Fancy)	14.75
Yellow Sweet (Ex. Fancy)	13.75
Timothy (Ex. Fancy)	10.50
Timothy & Alsike Mixed	13.50
Alfalfa (Oklahoma) Hardy	36.00
Alfalfa (Kansas)	38.50
Alfalfa (Canadian Variegated)	39.50
Alfalfa - Certified Ranger	57.00

HYBRID SEED CORN

	Per Bu.
Flat Grains - Medium	\$ 9.00
Flat Grains - Large	9.00
Round Grains	Ask

Subject stocks unsold and available.

SEED CORN

Guaranteed Germination

	Per Bu.
All Open Pollinated Varieties	\$ 6.00

SOY BEANS

Certified Hawkeye	\$ 5.50
Certified Lincoln	4.00
Richland	3.50
Lincoln	3.50
Wilson Black	3.75

Bags Included

BERMUDA ONION PLANTS

Ask for Prices.

MISCELLANEOUS

	Per 100 lbs.
Dwarf Essex Rape	\$20.00
Sudan Grass	12.50
Kentucky Blue Grass	70.00
Red Top	70.00
Lespedeza (Korean)	14.00
Brome Grass	40.00
Pasture Mixture	40.00
Ladino Clover	2.30 lb.

SEED POTATOES

	Per 100 lb. Bag
Early Triumphs	Ask
Red River Ohios	Ask
Maine Certified Cobblers	5.50
Certified Kathadins (Maine)	5.50
Less than full bag lots .....	.06 per lb.

April 1st Delivery.

SEED GRAINS

	(Bags Included)	Per Bu.
Clinton 59 (Certified)		\$ 2.50
Certified Clinton		1.65
Clinton (from Certified)		1.40
Benton (from Certified)		1.40
Certified Ajax		Ask

SPRING BARLEY

Wisconsin 38	\$ 2.75
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ONION SETS

Yellow	Ask
White	Ask

ORDER BLANK — BACK THIS PAGE

SAUNDERS SEED COMPANY

Please forward the following as per terms of your Descriptive Catalog to

Name _____ Date _____

Street _____ R. F. D. No. _____

Post Office _____ P. O. Box No. _____

County _____ State _____

Express or Freight Office If different from P. O. _____

HOW SHALL WE SHIP? State on this line whether wanted
by Parcel Post, Express or Freight _____

If to be sent by Parcel Post be sure to include Postage on goods not quoted postpaid. For Parcel Post Charges see inside front cover of Catalog.

SAUNDERS SEED CO.

give no warranty, express or implied, as to description, purity, productiveness or any other matter of any seeds, bulbs or plants they send out, and they will not be in any way responsible for the crop.

SEED POTATOES



NORTHERN GROWN, STATE CERTIFIED AND FIELD SELECTED — Northern Grown Seed Potatoes are of proven superiority. In hardiness, yield, freedom from disease, and quality they are unequalled.

Early Triumph

One of the earliest maturing varieties. Skin red and flesh white. Undoubtedly the best flavored and finest cooking early potato. They are good yielders.

Irish Cobbler

This reliable variety is the heaviest yielder of the early kinds. In fact, many growers use Irish Cobbler for their main crop. The stem is an upright grower and can be planted closer than other potatoes, which insures heavy yield. Especially is this desirable for the Home Garden. The shape is oblong, color of skin white and the flesh a creamy, fine texture.

Katahdin

A handsome smooth white potato. Large, attractive and heavy yielding potato of high quality. About two weeks later than Cobblers and two weeks earlier than Russet Rurals. Heavy and sturdy vines. Katahdins will usually bring a premium on the market.

Early Ohio

Red River Grown. This variety is an old favorite with all growers. It is early, maturing a few days after Early Triumph, a little more oblong in shape, has reddish color, and white flesh, cooks up well and has a fine flavor. Our seed is all produced in the Red River Valley in Minnesota and Dakota and is of the very best quality and from heavy yielding strains.

Ask For Our Latest Seed Potato Prices.

See enclosed list for present prices.

EUROPEAN SEED ASSORTMENT

We can again supply the collection of Garden Seeds which can be mailed direct to any individual in the American, British and French Zones of Germany and to other European Countries where American Mails are delivered.

We sent a considerable number of these Collections during the spring of 1948 which gave excellent results. You can help your friends to help themselves.

This collection of 25 varieties of Vegetable seeds is endorsed by the American Seed Trade Association and contains enough seed to produce Five Tons of Food.

Mailed Direct for only \$3.95 - Your name included as donor in each package.

SAUNDERS'



A BEAUTIFUL LAWN is the desire of every home owner, whether in city, village or country. A good lawn adds more to the fine appearance of your home than any other one thing. A fine lawn attracts notice. The making of a good lawn is not difficult, but certain things are necessary. The first and greatest essential is good seed, for with inferior seed all the expense of labor, fertilizer and preparation are wasted.

PLANT SAUNDERS' LAWN SEED and you have eliminated the greatest source of failure. We have learned by many years of experience the best grasses and the proper proportions for producing a smooth velvety lawn that will be permanent.

Evergreen Lawn Grass Seed

The finest blend of Kentucky Blue Grass, Fancy Red Top, Creeping Bent, White Dutch Clover and other fine grasses that has given satisfactory results for many years. Produces a permanent and clean turf in a short time. Lb. 95c; 3 lbs. \$2.75; 5 lbs. \$4.50; 10 lbs. \$8.85.

City Park Lawn Grass

A specially blended mixture of Kentucky Blue Grass, Red Top, Rye Grass and White Dutch Clover that can be depended on to produce a beautiful and permanent lawn. A quick grower. Lb. 75c; 3 lbs. \$2.15; 5 lbs. \$3.50; 10 lbs. \$6.50.

Shady Spot Lawn Grass

For locations where shade is predominant, our blend of grasses that will thrive is especially recommended. Contains Chewings Fescue, Red Top, Kentucky Blue Grass, Creeping Bent, White Dutch Clover and Rye Grass. Will make a beautiful and permanent lawn. Lb. 95c; 3 lbs. \$2.75; 5 lbs. \$4.50; 10 lbs. \$8.85.

Kentucky Blue Grass

The most valuable of all Lawn Grasses and the base of practically all Lawn Mixtures. It is slow to start and should be mixed with other quick growing grasses. Lb. 90c; 3 lbs. \$2.60; 5 lbs. \$4.25; 10 lbs. \$8.00.

Creeping Bent

The variety of Bent that we offer is particularly suited for Lawns, parks and playgrounds. Grows on a wide range of soils. Makes the finest turf. Lb. \$1.50; 5 lbs. \$6.75. Postpaid.

White Dutch Clover

Used with the grasses to make a permanent lawn or can be sown alone for a White Clover lawn. Extra fancy seed. Lb. \$1.25; 5 lbs. \$5.50; 10 lbs. \$10.00. Postpaid.

Fancy Red Top

One of the Bent Grasses. Used in all good lawn mixtures. Does well in moist and wet places and under unfavorable conditions. Lb. 90c; 3 lbs. \$2.75; 5 lbs. \$4.25; 10 lbs. \$8.00.

Domestic Rye Grass

Makes a quick growth but not a permanent lawn. Lb. 35c; 5 lbs. \$1.50; 10 lbs. \$2.25.

Chewings Fescue

This fine leaved grass produces a bright green turf, well adapted for shade and under trees on account of its drought resistance. Lb. 85c; 3 lbs. \$2.50; 5 lbs. \$4.00.

FERTILIZE YOUR LAWN — See Page 29 for description and prices.